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[PDF] Nitric oxide inhibits the HIV-1 reverse transcriptase activity

### Inhibition of Respiration by Nitric Oxide Induces a Mycobacterium tuberculosis Dormancy Program

<u>Inhibition of respiration by nitric oxide induces a Mycobacterium tuberculosis dormancy program</u>

#### **Bacterial Persister Cell Formation and Dormancy**

Bacterial persister cell formation and dormancy

#### Collective nitric oxide production provides tissuewide immunity during *Leishmania* infection

[HTML] <u>Collective nitric oxide production provides tissue-wide immunity during Leishmania infection</u>

#### Impaired Systemic Tetrahydrobiopterin Bioavailability and Increased Oxidized Biopterins in Pediatric Falciparum Malaria: Association with Disease Severity

[HTML] <u>Impaired systemic tetrahydrobiopterin bioavailability and increased dihydrobiopterin in adult falciparum malaria: association with disease severity, impaired ...</u>

#### Attenuation of Biopterin Synthesis Prevents Escherichia coli K1 Invasion of Brain Endothelial Cells and the Development of Meningitis in Newborn Mice

Attenuation of Biopterin Synthesis Prevents *Escherichia coli* K1 Invasion of Brain Endothelial Cells and the Development of Meningitis in Newborn Mice

## Effects of Nitric Oxide Synthase Inhibitors on Murine Infection with Mycobacterium tuberculosis

Effects of nitric oxide synthase inhibitors on murine infection with Mycobacterium tuberculosis.

Mechanisms of Nitric Oxide-related Antimicrobial Effect of Cigarette Smoke Extract on Nitric Oxide Synthase in Pulmonary Artery Endothelial Cells Effect of cigarette smoke extract on nitric oxide synthase in pulmonary artery endothelial cells

# Inducible Nitric Oxide Synthase Promoter Haplotypes and Residential Traffic-Related Air Pollution Jointly Influence Exhaled Nitric Oxide Level in Children

[HTML] <u>Inducible nitric oxide synthase promoter haplotypes and residential traffic-related air pollution jointly influence exhaled nitric oxide level in children</u>

## Nitric oxide, complex I, and the modulation of mitochondrial reactive species in biology and disease

Nitric oxide, complex I, and the modulation of mitochondrial reactive species in

### **Complex Inhibitory Effects of Nitric Oxide on Autophagy**

[HTML] Complex inhibitory effects of nitric oxide on autophagy

## Oxidative role of HIV/AIDS: antiretroviral drugs and medicinal plants with anti-HIV activity

[PDF] Oxidative role of HIV/AIDS: antiretroviral drugs and medicinal plants with anti-HIV activity

#### Glucocorticoids Suppress Antimicrobial Autophagy and Nitric Oxide Production and Facilitate Mycobacterial Survival in Macrophages

[HTML] <u>Glucocorticoids Suppress Antimicrobial Autophagy and Nitric Oxide</u> Production and Facilitate Mycobacterial Survival in Macrophages

#### Cellular oxygen utilization in health and sepsis

Cellular oxygen utilization in health and sepsis

#### Amyl nitrite inhalation, a "volatile" anemia

Amyl nitrite inhalation, a "volatile" anemia

## Poppers: legal highs with questionable contents? A case series of poppers maculopathy

<u>Poppers: legal highs with questionable contents? A case series of poppers maculopathy</u>

## Actual sexual risk and perceived risk of HIV acquisition among HIV-negative men who have sex with men in Toronto, Canada

[HTML] <u>Actual sexual risk and perceived risk of HIV acquisition among HIV-negative men who have sex with men in Toronto, Canada</u>

## Nitrite inhalants: history, epidemiology, and possible links to AIDS.

Nitrite inhalants: history, epidemiology, and possible links to AIDS.

### Nitrite inhalants: Contemporary patterns of abuse

[PDF] Nitrite inhalants: Contemporary patterns of abuse

## Acute haemolytic anaemia after inhalation of amyl nitrite

[PDF] Acute haemolytic anaemia after inhalation of amyl nitrite

### Effects of nitrites on the immune system of humans

[PDF] Effects of nitrites on the immune system of humans

#### Poppers-associated retinal toxicity

Poppers-associated retinal toxicity

# Sexual risk, nitrite inhalant use, and lack of circumcision associated with HIV seroconversion in men who have sex with men in the United States 2005

Sexual risk, nitrite inhalant use, and lack of circumcision associated with HIV seroconversion in men who have sex with men in the United States 2005

### Long-term nitrite inhalant exposure and cancer risk in MSM

HTML] Long-term nitrite inhalant exposure and cancer risk in MSM

### Nitrite inhalants use and HIV infection among men who have sex with men in China

Nitrite inhalants use and HIV infection among men who have sex with men in China

#### <u>Pulmonary function in HIV-infected recreational</u> <u>drug users in the era of anti-retroviral therapy</u>

[HTML] <u>Pulmonary function in HIV-infected recreational drug users in the era of anti-retroviral therapy</u>

# Motivation for Substance Use, Venue of Sexual Encounter, and Sexual Risk Behavior among Men who Have Sex with Men (MSM) in the Multicenter AIDS Cohort ...

Motivation for Substance Use, Venue of Sexual Encounter, and Sexual Risk Behavior among Men who Have Sex with Men (MSM) in the Multicenter AIDS Cohort ...

# Recreational drug use among individuals living with HIV in Europe: review of the prevalence, comparison with the general population and HIV guidelines ...

[HTML] <u>Recreational drug use among individuals living with HIV in Europe:</u> review of the prevalence, comparison with the general population and HIV <u>guidelines</u> ...

## Increasing use of 'party drugs' in people living with HIV on antiretrovirals: a concern for patient safety

<u>Increasing use of 'party drugs' in people living with HIV on antiretrovirals:</u> <u>a concern for patient safety</u>

## Nitric oxide: a key mediator of biofilm dispersal with applications in infectious diseases

Nitric oxide: a key mediator of biofilm dispersal with applications in infectious diseases

## Nitrite derived from endogenous bacterial nitric oxide synthase activity promotes aerobic respiration

Nitrite derived from endogenous bacterial nitric oxide synthase activity promotes aerobic respiration

## Molecular mechanisms of inflammasome activation during microbial infections

Molecular mechanisms of inflammasome activation during microbial infections

#### Molecular hydrogen inhibits lipopolysaccharidetriggered NLRP3 inflammasome activation in macrophages by targeting the mitochondrial reactive oxygen ...

[HTML] Molecular hydrogen inhibits lipopolysaccharide-triggered NLRP3 inflammasome activation in macrophages by targeting the mitochondrial reactive oxygen

## ATP release and purinergic signaling: a common pathway for particle-mediated inflammasome activation

ATP release and purinergic signaling: a common pathway for particle-mediated inflammasome activation.

## Activation of the NLRP3 inflammasome by Mycobacterium tuberculosis is uncoupled from susceptibility to active tuberculosis

<u>Activation of the NLRP3 inflammasome by Mycobacterium tuberculosis is</u> uncoupled from susceptibility to active tuberculosis

## Mitochondrial protein mitofusin 2 is required for NLRP3 inflammasome activation after RNA virus infection

<u>Mitochondrial protein mitofusin 2 is required for NLRP3 inflammasome</u> activation after RNA virus infection

## The cell biology of inflammasomes: Mechanisms of inflammasome activation and regulation

The cell biology of inflammasomes: Mechanisms of inflammasome activation and regulation

## Mitochondrial reactive oxygen species drive proinflammatory cytokine production

<u>Mitochondrial reactive oxygen species drive proinflammatory cytokine</u> production

## Macrophages sense and kill bacteria through carbon monoxide-dependent inflammasome activation

<u>Macrophages sense and kill bacteria through carbon monoxide-dependent</u> inflammasome activation

#### Bacterial exotoxins and the inflammasome

[HTML] Bacterial exotoxins and the inflammasome

### Mitophagy: a balance regulator of NLRP3 inflammasome activation

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## Modulation of the host innate immune and inflammatory response by translocated bacterial proteins

[HTML] <u>Modulation of the host innate immune and inflammatory response</u> by translocated bacterial proteins

#### Immunologic manifestations of autophagy

HTML] Immunologic manifestations of autophagy

### <u>Signaling cascades and inflammasome activation</u> in microbial infections

Signaling cascades and inflammasome activation in microbial infections

#### Mechanisms and functions of inflammasomes

[HTML] Mechanisms and functions of inflammasomes

## The cell biology of inflammasomes: Mechanisms of inflammasome activation and regulation

The cell biology of inflammasomes: Mechanisms of inflammasome activation and regulation

### Inflammasome complexes: emerging mechanisms and effector functions

HTML] <u>Inflammasome complexes: emerging mechanisms and effector functions</u>

## NLRP6 inflammasome orchestrates the colonic host-microbial interface by regulating goblet cell mucus secretion

[HTML] <u>NLRP6 inflammasome orchestrates the colonic host-microbial</u> interface by regulating goblet cell mucus secretion

## Cell stress increases ATP release in NLRP3 inflammasome-mediated autoinflammatory diseases, resulting in cytokine imbalance

<u>Cell stress increases ATP release in NLRP3 inflammasome-mediated autoinflammatory diseases, resulting in cytokine imbalance</u>

## Inflammasomes coordinate pyroptosis and natural killer cell cytotoxicity to clear infection by a ubiquitous environmental bacterium

[HTML] <u>Inflammasomes coordinate pyroptosis and natural killer cell</u> <u>cytotoxicity to clear infection by a ubiquitous environmental bacterium</u>

## Oxidized mitochondrial DNA activates the NLRP3 inflammasome during apoptosis

[HTML] <u>Oxidized mitochondrial DNA activates the NLRP3 inflammasome</u> <u>during apoptosis</u>

## Mitochondrial reactive oxygen species drive proinflammatory cytokine production

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#### Mitochondrial damage contributes to Pseudomonas aeruginosa activation of the inflammasome and is downregulated by autophagy

Mitochondrial damage contributes to *Pseudomonas aeruginosa* activation of the inflammasome and is downregulated by autophagy

## Mitochondrial protein mitofusin 2 is required for NLRP3 inflammasome activation after RNA virus infection

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## ATP release and purinergic signaling: a common pathway for particle-mediated inflammasome activation

[HTML] <u>ATP release and purinergic signaling: a common pathway for particle-mediated inflammasome activation</u>

## The inflammasome: a caspase-1-activation platform that regulates immune responses and disease pathogenesis

<u>The inflammasome: a caspase-1-activation platform that regulates immune responses and disease pathogenesis</u>

## Cutting edge: reactive oxygen species inhibitors block priming, but not activation, of the NLRP3 inflammasome

<u>Cutting edge: reactive oxygen species inhibitors block priming, but not activation, of the NLRP3 inflammasome</u>

#### Signaling by ROS drives inflammasome activation

HTML] Signaling by ROS drives inflammasome activation

## Macrophages monitor tissue osmolarity and induce inflammatory response through NLRP3 and NLRC4 inflammasome activation

[HTML] <u>Macrophages monitor tissue osmolarity and induce inflammatory</u> response through NLRP3 and NLRC4 inflammasome activation

## Omega-3 free fatty acids suppress macrophage inflammasome activation by inhibiting NF-kB activation and enhancing autophagy

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# Bypassing Pathogen-Induced Inflammasome Activation for the Regulation of Interleukin-1ß Production by the Fungal Pathogen *Candida albicans*

Bypassing Pathogen-Induced Inflammasome Activation for the Regulation of Interleukin-1β Production by the Fungal Pathogen Candida albicans

#### Autophagy, NLRP3 inflammasome and autoinflammatory/immune diseases

[PDF] <u>Autophagy</u>, <u>NLRP3 inflammasome and auto-inflammatory/immune</u> diseases

### The cell biology of inflammasomes: Mechanisms of inflammasome activation and regulation

The cell biology of inflammasomes: Mechanisms of inflammasome activation and regulation

## NLRP3 inflammasome: from a danger signal sensor to a regulatory node of oxidative stress and inflammatory diseases

[HTML] <u>NLRP3 inflammasome: from a danger signal sensor to a regulatory node of oxidative stress and inflammatory diseases</u>

#### Reassessing the evolutionary importance of inflammasomes

Reassessing the evolutionary importance of inflammasomes

### Mitophagy: a balance regulator of NLRP3 inflammasome activation

HTML] Mitophagy: a balance regulator of NLRP3 inflammasome activation

# Reactive oxygen species regulate caspase-11 expression and activation of the non-canonical NLRP3 inflammasome during enteric pathogen infection

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## AIM2 inflammasome in infection, cancer, and autoimmunity: Role in DNA sensing, inflammation, and innate immunity

[HTML] <u>AIM2 inflammasome in infection, cancer, and autoimmunity: Role in DNA sensing, inflammation, and innate immunity</u>

### The cell biology of inflammasomes: Mechanisms of inflammasome activation and regulation

The cell biology of inflammasomes: Mechanisms of inflammasome activation and regulation

#### **Mechanisms and functions of inflammasomes**

[HTML] Mechanisms and functions of inflammasomes

### Immune regulation of the unfolded protein response at the mucosal barrier in viral infection

Immune regulation of the unfolded protein response at the mucosal barrier in viral infection

#### Anatomical localization of commensal bacteria in immune cell homeostasis and disease

Anatomical localization of commensal bacteria in immune cell homeostasis and disease

## AIM2 Inflammasome in infection, cancer, and autoimmunity: Role in DNA sensing, inflammation, and innate immunity

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# Reactive oxygen species regulate caspase-11 expression and activation of the non-canonical NLRP3 inflammasome during enteric pathogen infection

[HTML] Reactive oxygen species regulate caspase-11 expression and activation of the non-canonical NLRP3 inflammasome during enteric pathogen infection

### Evasion of inflammasome activation by microbial pathogens

HTML] Evasion of inflammasome activation by microbial pathogens

#### Mitochondrial damage contributes to Pseudomonas aeruginosa activation of the inflammasome and is downregulated by autophagy

Mitochondrial damage contributes to *Pseudomonas aeruginosa* activation of the inflammasome and is downregulated by autophagy

### Oxidized mitochondrial DNA activates the NLRP3 inflammasome during apoptosis

[HTML] Oxidized mitochondrial DNA activates the NLRP3 inflammasome during apoptosis

### Reactive oxygen species and mitochondria: A nexus of cellular homeostasis

[HTML] <u>Reactive oxygen species and mitochondria: A nexus of cellular</u> homeostasis

## NLRP3 plays a major role in inflammasome activation during Mycoplasma pneumoniae infection

NLRP3 plays a major role in inflammasome activation during Mycoplasma pneumoniae infection

## NLRP3 inflammasome: from a danger signal sensor to a regulatory node of oxidative stress and inflammatory diseases

[HTML] <u>NLRP3 inflammasome: from a danger signal sensor to a regulatory</u> node of oxidative stress and inflammatory diseases

## Cell stress increases ATP release in NLRP3 inflammasome-mediated autoinflammatory diseases, resulting in cytokine imbalance

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### Redox regulation of NLRP3 inflammasomes: ROS as trigger or effector?

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## The reactive oxygen species in macrophage polarization: reflecting its dual role in progression and treatment of human diseases

The reactive oxygen species in macrophage polarization: reflecting its dual role in progression and treatment of human diseases

### Fueling inflamm-aging through mitochondrial dysfunction: mechanisms and molecular targets

<u>Fueling inflamm-aging through mitochondrial dysfunction: mechanisms and molecular targets</u>

## NLRP6 inflammasome orchestrates the colonic host-microbial interface by regulating goblet cell mucus secretion

HTML] <u>NLRP6 inflammasome orchestrates the colonic host-microbial interface by regulating goblet cell mucus secretion</u>

### Mitochondrial DNA in the regulation of innate immune responses

[HTML] Mitochondrial DNA in the regulation of innate immune responses

## ROS-mediated NLRP3 inflammasome activation in brain, heart, kidney, and testis ischemia/reperfusion injury

ROS-mediated NLRP3 inflammasome activation in brain, heart, kidney, and testis ischemia/reperfusion injury

#### Inflammasomes and intestinal inflammation

Inflammasomes and intestinal inflammation

### Mitochondrial control of innate immunity and inflammation

[HTML] Mitochondrial control of innate immunity and inflammation

## Microbiota-modulated metabolites shape the intestinal microenvironment by regulating NLRP6 inflammasome signaling

[HTML] <u>Microbiota-modulated metabolites shape the intestinal microenvironment by regulating NLRP6 inflammasome signaling</u>

## The AIM2 inflammasome is a central regulator of intestinal homeostasis through the IL-18/IL-22/STAT3 pathway

HTML] <u>The AIM2 inflammasome is a central regulator of intestinal homeostasis through the IL-18/IL-22/STAT3 pathway</u>

# Distinct Commensals Induce Interleukin-1b via NLRP3 Inflammasome in Inflammatory Monocytes to Promote Intestinal Inflammation in Response to Injury

<u>Distinct Commensals Induce Interleukin-1b via NLRP3 Inflammasome in Inflammatory Monocytes to Promote Intestinal Inflammation in Response to Injury</u>

## The NIrp3 inflammasome suppresses colorectal cancer metastatic growth in the liver by promoting natural killer cell tumoricidal activity

HTML] <u>The NIrp3 inflammasome suppresses colorectal cancer metastatic growth in the liver by promoting natural killer cell tumoricidal activity</u>

### Dietary cholesterol directly induces acute inflammasome-dependent intestinal inflammation

[HTML] <u>Dietary cholesterol directly induces acute inflammasome-dependent</u> intestinal inflammation

#### Induction of NLRP3 Inflammasome Activation by Heme in Human Endothelial Cells

<u>Induction of NLRP3 Inflammasome Activation by Heme in Human</u> Endothelial Cells

#### Reactive Oxygen Species in Health and Disease

[PDF] Reactive oxygen species in health and disease

#### Mitochondria and cancer

Mitochondria and cancer

#### Mitochondria and cancer

HTML Mitochondria and cancer

#### Death of Bystander Cells by a Novel Pathway Involving Early Mitochondrial Damage in Human Immunodeficiency Virus-Related Lymphadenopathy

<u>Death of Bystander Cells by a Novel Pathway Involving Early Mitochondrial</u>
<u>Damage in Human Immunodeficiency Virus-Related Lymphadenopathy</u>

# DETECTION OF IgG ANTIBODIES TO LYMPHADENOPATHY-ASSOCIATED VIRUS IN PATIENTS WITH AIDS OR LYMPHADENOPATHY SYNDROME

Françoise Barrée Sinoussi et al. (1984)

https://docs.ufpr.br/~microgeral/arquivos/2013FUNDAMENTOSBarreSinoussi.pdf

## The mitochondrial theory of aging and its relationship to reactive oxygen species damage and somatic mtDNA mutations

The mitochondrial theory of aging and its relationship to reactive oxygen species damage and somatic mtDNA mutations

## Mitochondrial DNA damage is more extensive and persists longer than nuclear DNA damage in human cells following oxidative stress

Mitochondrial DNA damage is more extensive and persists longer than nuclear DNA damage in human cells following oxidative stress

#### Antibacterial drugs and their interference with the biogenesis of mitochondria in animal and human cells

Antibacterial drugs and their interference with the biogenesis of mitochondria in animal and human cells (1983)

# The biogenesis of mitochondria, VI. Biochemical basis of the resistance of Saccharomyces cerevisiae toward antibiotics which specifically inhibit mitochondrial ...

[PDF] The biogenesis of mitochondria, VI. Biochemical basis of the resistance of Saccharomyces cerevisiae toward antibiotics which specifically inhibit mitochondrial ... (1965)

#### Peroxynitrite Stimulates the Pyridine Nucleotide-Linked Ca<sup>2+</sup> Release from Intact Rat Liver Mitochondria

<u>Peroxynitrite Stimulates the Pyridine Nucleotide-Linked Ca<sup>2+</sup> Release from Intact</u> Rat Liver Mitochondria

### Mitochondrial DNA haplogroups influence AIDS progression

HTML] Mitochondrial DNA haplogroups influence AIDS progression

#### Mitochondrial Function, Biology, and Role in Disease

Mitochondrial function, biology, and role in disease

### ROS, mitochondria and the regulation of autophagy

ROS, mitochondria and the regulation of autophagy

### Drug-induced mitochondrial dysfunction and cardiotoxicity

<u>Drug-induced mitochondrial dysfunction and cardiotoxicity</u>

## Reactive oxygen species are essential for autophagy and specifically regulate the activity of Atg4

Reactive oxygen species are essential for autophagy and specifically regulate the activity of Atg4

### Oxidation as a post-translational modification that regulates autophagy

Oxidation as a post-translational modification that regulates autophagy

## Crosstalk Between Oxidative Stress, Autophagy and Cell Death—Pathogenesis of Autoimmune Disease

[HTML] <u>Crosstalk Between Oxidative Stress, Autophagy and Cell Death—Pathogenesis of Autoimmune Disease</u>

#### Mitochondrial Reactive Oxygen Species (ROS) and ROS-Induced ROS Release

[HTML] <u>Mitochondrial reactive oxygen species (ROS) and ROS-induced ROS</u> release

### **Antibiotic Overusage Causes Mitochondrial Dysfunction Which May Promote Tumorigenesis**

[PDF] <u>Antibiotic Overusage Causes Mitochondrial Dysfunction Which May</u> Promote Tumorigenesis

#### Mitochondria: diversity in the regulation of the NLRP3 inflammasome

Mitochondria: diversity in the regulation of the NLRP3 inflammasome

# Endothelial mitochondrial ROS, un-coupled from ATP synthesis, determine both physiological endothelial activation for recruitment of patrolling cells, and ...

[HTML] <u>Endothelial mitochondrial ROS</u>, un-coupled from ATP synthesis, determine both physiological endothelial activation for recruitment of patrolling cells, and ...

# Mitochondrial dysfunction and tissue injury by alcohol, high fat, nonalcoholic substances and pathological conditions through post-translational protein ...

[HTML] <u>Mitochondrial dysfunction and tissue injury by alcohol, high fat, nonalcoholic substances and pathological conditions through post-translational protein ...</u>

## Mitochondria are required for antigen-specific T cell activation through reactive oxygen species signaling

[HTML] <u>Mitochondria are required for antigen-specific T cell activation</u> <u>through reactive oxygen species signaling</u>

### Mitochondrial respiration controls lysosomal function during inflammatory T cell responses

[HTML] <u>Mitochondrial respiration controls lysosomal function during inflammatory T cell responses</u>

#### Mitochondria as signalling organelles

[HTML] Mitochondria as signaling organelles

### Regulation of mitochondrial biogenesis and its intersection with inflammatory responses

Regulation of mitochondrial biogenesis and its intersection with inflammatory responses

## Mitochondrial redox signaling: interaction of mitochondrial reactive oxygen species with other sources of oxidative stress

<u>Mitochondrial redox signaling: interaction of mitochondrial reactive oxygen</u> species with other sources of oxidative stress

## Mitophagy and the mitochondrial unfolded protein response in neurodegeneration and bacterial infection

[HTML] <u>Mitophagy and the mitochondrial unfolded protein response in</u> neurodegeneration and bacterial infection

#### Mitochondrial ROS signaling in organismal homeostasis

[HTML] Mitochondrial ROS signaling in organismal homeostasis

#### Autophagy and the immune function in aging

Autophagy and the immune function in aging

### Mitochondria in the regulation of innate and adaptive immunity

HTML] Mitochondria in the regulation of innate and adaptive immunity

## Endoplasmic reticulum stress activates the inflammasome via NLRP3-and caspase-2-driven mitochondrial damage

[HTML] <u>Endoplasmic reticulum stress activates the inflammasome via</u> NLRP3-and caspase-2-driven mitochondrial damage

#### Reactive oxygen species at the crossroads of inflammasome and inflammation

[HTML] Reactive oxygen species at the crossroads of inflammasome and inflammation

#### Mitochondrial dysfunction in cancer

[HTML] Mitochondrial dysfunction in cancer

### Mitochondria, energetics, epigenetics, and cellular responses to stress

[HTML] <u>Mitochondria</u>, <u>energetics</u>, <u>epigenetics</u>, <u>and cellular responses to</u> stress

# Why translation counts for mitochondria - retrograde signalling links mitochondrial protein synthesis to mitochondrial biogenesis and cell proliferation

Why translation counts for mitochondria-retrograde signalling links mitochondrial protein synthesis to mitochondrial biogenesis and cell proliferation

#### A mitochondrial bioenergetic etiology of disease

[HTML] A mitochondrial bioenergetic etiology of disease

#### Targeting cancer cells through antibioticsinduced mitochondrial dysfunction requires autophagy inhibition

<u>Targeting cancer cells through antibiotics-induced mitochondrial dysfunction requires autophagy inhibition</u>

#### Mitochondria as a Target of Environmental Toxicants

Mitochondria as a target of environmental toxicants

### Reactive Oxygen Species in Cancer Biology and Anticancer Therapy

Reactive oxygen species in cancer biology and anticancer therapy

#### Mitochondrial reactive oxygen species and cancer

[HTML] Mitochondrial reactive oxygen species and cancer

#### Mitochondria: A target for bacteria

Mitochondria: a target for bacteria

#### Microbiota and Mitobiota. Putting an Equal Sign between Mitochondria and Bacteria

Microbiota and mitobiota. Putting an equal sign between mitochondria and bacteria

### MAVS maintains mitochondrial homeostasis via autophagy

(HTML] MAVS maintains mitochondrial homeostasis via autophagy

### Roles of autophagy in elimination of intracellular bacterial pathogens

[HTML] Roles of autophagy in elimination of intracellular bacterial pathogens

## A peep into mitochondrial disorder: multifaceted from mitochondrial DNA mutations to nuclear gene modulation

[HTML] <u>A peep into mitochondrial disorder: multifaceted from mitochondrial DNA mutations to nuclear gene modulation</u>

#### Autophagy as an immune effector against tuberculosis

Autophagy as an immune effector against tuberculosis

### Intestinal Epithelial Autophagy Is Essential for Host Defence against Invasive Bacteria

[HTML] <u>Intestinal epithelial autophagy is essential for host defense against</u> invasive bacteria

#### Autophagy in macrophages: impacting inflammation and bacterial infection

<u>Autophagy in macrophages: impacting inflammation and bacterial</u> infection

### The impact of autophagic processes on the intracellular fate of Helicobacter pylori

The impact of autophagic processes on the intracellular fate of *Helicobacter pylori* More tricks from an enigmatic pathogen?

#### **Autophagy and Cellular Immune Responses**

[HTML] Autophagy and cellular immune responses

#### Autophagy and female genital tract infections: new insights and research directions

[HTML] <u>Autophagy and female genital tract infections: new insights and research directions</u>

### Autophagy Enhances Bacterial Clearance during P. aeruginosa Lung Infection

[HTML] <u>Autophagy enhances bacterial clearance during P. aeruginosa lung</u> infection

## Azithromycin blocks autophagy and may predispose cystic fibrosis patients to mycobacterial infection

[HTML] <u>Azithromycin blocks autophagy and may predispose cystic fibrosis patients to mycobacterial infection</u>

## Oxidized lipoproteins are associated with markers of inflammation and immune activation in HIV-1 infection

Oxidized lipoproteins are associated with markers of inflammation and immune activation in HIV-1 infection

### L-form Bacteria Cohabitants in Human Blood: Significance for Health and Diseases

[HTML] <u>L-form Bacteria Cohabitants in Human Blood: Significance for</u> Health and Diseases

## Epidemiology of Nontuberculous Mycobacterial Infections and Associated Chronic Macrolide Use among Persons with Cystic Fibrosis

<u>Epidemiology of nontuberculous mycobacterial infections and associated</u> chronic macrolide use among persons with cystic fibrosis

#### Autophagy in Mycobacterium Tuberculosis and HIV infections

HTML] Autophagy in Mycobacterium tuberculosis and HIV infections

### Autophagy Restricts HIV-1 Infection by Selectively Degrading Tat in CD4 T Lymphocytes

Autophagy restricts HIV-1 infection by selectively degrading Tat in CD4+ T lymphocytes

### Autophagy as an innate defense against mycobacteria

Autophagy as an innate defense against mycobacteria

## The Defect in Autophagy Induction by Clinical Isolates of Mycobacterium Tuberculosis Is Correlated with Poor Tuberculosis Outcomes

[HTML] <u>The defect in autophagy induction by clinical isolates of</u>
<u>Mycobacterium tuberculosis is correlated with poor tuberculosis outcomes</u>

#### Autophagy and bacterial infection: an evolving arms race

Autophagy and bacterial infection: an evolving arms race

#### Host Autophagy Response: Friend or Foe in Reproductive Tract Infections

[PDF] <u>Host autophagy response</u>: <u>friend or foe in reproductive tract</u> infections

### Oxidative stress and autophagy: the clash between damage and metabolic needs

[HTML] <u>Oxidative stress and autophagy: the clash between damage and</u> metabolic needs

#### Metabolic control of autophagy

[HTML] Metabolic control of autophagy

#### Autophagy regulation by nutrient signaling

Autophagy regulation by nutrient signaling

#### Autophagy in cellular metabolism and cancer

[HTML] Autophagy in cellular metabolism and cancer

### Interactions between Autophagy and Bacterial Toxins: Targets for Therapy?

[HTML] <u>Interactions between autophagy and bacterial toxins: targets for therapy?</u>

#### S-Nitrosylation at the Interface of Autophagy and Disease

[HTML] <u>S-Nitrosylation at the interface of autophagy and disease</u>

## Direct measurement of oxidative and nitrosative stress dynamics in Salmonella inside macrophages

<u>Direct measurement of oxidative and nitrosative stress dynamics in Salmonella inside macrophages</u>

## Spotlights on immunological effects of reactive nitrogen species: When inflammation says nitric oxide

[HTML] <u>Spotlights on immunological effects of reactive nitrogen species:</u> when inflammation says nitric oxide

### Proliferation of *Toxoplasma gondii* Suppresses Host Cell Autophagy

[HTML] Proliferation of Toxoplasma gondii suppresses host cell autophagy

#### Reactive oxygen species and mitochondria: A nexus of cellular homeostasis

[HTML] Reactive oxygen species and mitochondria: A nexus of cellular homeostasis

## Autophagy plays an important role in the containment of HIV-1 in nonprogressor-infected patients

Autophagy plays an important role in the containment of HIV-1 in nonprogressor-infected patients

## Reactive oxygen species and the bacterial response to lethal stress

Reactive oxygen species and the bacterial response to lethal stress

## Reactive oxygen species hydrogen peroxide mediates Kaposi's sarcoma-associated herpesvirus reactivation from latency

[HTML] Reactive oxygen species hydrogen peroxide mediates Kaposi's sarcomaassociated herpesvirus reactivation from latency

#### **Virus-Induced Autophagy in Innate Immunity**

[PDF] Virus-Induced Autophagy in Innate Immunity

#### **Role of Autophagy in Cancer Prevention**

Role of autophagy in cancer prevention

## LPS-induced autophagy is mediated by oxidative signaling in cardiomyocytes and is associated with cytoprotection

LPS-induced autophagy is mediated by oxidative signaling in cardiomyocytes and is associated with cytoprotection

#### Endogenous Nitrated Nucleotide Is a Key Mediator of Autophagy and Innate Defense against Bacteria

HTML] <u>Endogenous nitrated nucleotide is a key mediator of autophagy and innate defense against bacteria</u>

#### Autophagy, mitochondria and oxidative stress: cross-talk and redox signalling

[HTML] <u>Autophagy</u>, <u>mitochondria and oxidative stress</u>: <u>cross-talk and redox signalling</u>

## Interplay of oxidative, nitrosative/nitrative stress, inflammation, cell death and autophagy in diabetic cardiomyopathy

[HTML] <u>Interplay of oxidative, nitrosative/nitrative stress, inflammation,</u> cell death and autophagy in diabetic cardiomyopathy

# Warburg Meets Autophagy: Cancer-Associated Fibroblasts Accelerate Tumor Growth and Metastasis *via* Oxidative Stress, Mitophagy, and Aerobic Glycolysis

Warburg Meets Autophagy: Cancer-Associated Fibroblasts Accelerate

<u>Tumor Growth and Metastasis via Oxidative Stress, Mitophagy, and Aerobic ...</u>

#### Apoptosis and Autophagy: Decoding Calcium Signals that Mediate Life or Death

Apoptosis and autophagy: decoding calcium signals that mediate life or death

#### Oxidative stress and autophagy: the clash between damage and metabolic needs

Oxidative stress and autophagy: the clash between damage and metabolic needs

#### Curcumin promotes differentiation of gliomainitiating cells by inducing autophagy

[HTML] <u>Curcumin promotes differentiation of glioma-initiating cells by inducing autophagy</u>

### Free Radicals in Cross Talk Between Autophagy and Apoptosis

Free radicals in cross talk between autophagy and apoptosis

#### The Impact of Autophagy on Cell Death Modalities

The impact of autophagy on cell death modalities

### 8-Nitro-cGMP—A New Player in Antibacterial Autophagy

[HTML] <u>8-Nitro-cGMP—A New Player in Antibacterial Autophagy</u>

### A mitochondrial superoxide theory for oxidative stress diseases and aging

A mitochondrial superoxide theory for oxidative stress diseases and aging

#### Protecting the mitochondrial powerhouse

Protecting the mitochondrial powerhouse

#### Mitochondrial Regulation of Cell Cycle and Proliferation

Mitochondrial regulation of cell cycle and proliferation

## Mitochondrial reactive oxygen species and inflammation: molecular mechanisms, diseases and promising therapies

<u>Mitochondrial reactive oxygen species and inflammation: molecular mechanisms, diseases and promising therapies</u>

### Mitochondrial DNA in the regulation of innate immune responses

[HTML] Mitochondrial DNA in the regulation of innate immune responses

#### **Autophagy in Human Health and Disease**

Autophagy in human health and disease

#### **Autophagy and Cellular Immune Responses**

[HTML] Autophagy and cellular immune responses

#### MicroRNA-155 Promotes Autophagy to Eliminate Intracellular Mycobacteria by rheb

[HTML] <u>MicroRNA-155 promotes autophagy to eliminate intracellular mycobacteria by targeting Rheb</u>

### Influence of nutrient-derived metabolites on lymphocyte immunity

Influence of nutrient-derived metabolites on lymphocyte immunity

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<u>Is mitochondrial generation of reactive oxygen species a trigger for autophagy?</u>

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ROS-induced mitochondrial depolarization initiates PARK2/PARKIN-dependent mitochondrial degradation by autophagy

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[HTML] Mitochondrial morphology in mitophagy and macroautophagy

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[HTML] <u>Autophagy and lysosomal dysfunction as emerging mechanisms of</u> nanomaterial toxicity

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[HTML] <u>Oxidative stress and autophagy: crucial modulators of kidney injury</u>

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[HTML] <u>Curcumin hormesis mediates a cross-talk between autophagy and</u> cell death

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[PDF] <u>Curcumin a multifaceted compound with hormetic behavior that mediates an intricate crosstalk between mitochondrial biogenesis, mitophagy, mitophagic death ...</u>

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Oxidative stress-induced autophagy: role in pulmonary toxicity

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[HTML] Novel insights into the interplay between apoptosis and autophagy

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[HTML] <u>Modulation of host autophagy during bacterial infection:</u> sabotaging host munitions for pathogen nutrition

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[HTML] <u>Natural killer (NK) cells in antibacterial innate immunity: angels or</u> devils?

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<u>Autophagy protects against active tuberculosis by suppressing bacterial</u> burden and inflammation

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[HTML] <u>Autophagy</u>, the "Master" <u>Regulator of Cellular Quality Control</u>: What Happens when Autophagy Fails?

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<u>Dietary cholesterol directly induces acute inflammasome-dependent intestinal inflammation</u>

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Mitochondria: diversity in the regulation of the NLRP3 inflammasome

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Mechanisms of mitochondria and autophagy crosstalk

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[HTML] <u>Glucocorticoids Suppress Antimicrobial Autophagy and Nitric Oxide</u> <u>Production and Facilitate Mycobacterial Survival in Macrophages</u>

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Organization of the human mitochondrial hydrogen sulfide oxidation pathway

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#### Mitochondrial quality control: Cell-typedependent responses to pathological mutant mitochondrial DNA

Mitochondrial quality control: Cell-type-dependent responses to pathological mutant mitochondrial DNA

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Mitochondrial electron-transport-chain inhibitors of complexes I and II induce autophagic cell death mediated by reactive oxygen species

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Regulation of autophagy by polyphenolic compounds as a potential therapeutic strategy for cancer

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[HTML] <u>The role of reactive oxygen species (ROS) in the formation of extracellular traps (ETs) in humans</u>

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[HTML] <u>Exosomes and other extracellular vesicles: the new communicators in parasite infections</u>

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[HTML] <u>The role of extracellular vesicles in modulating the host immune response during parasitic infections</u>

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[HTML] <u>Parasite extracellular vesicles: mediators of intercellular</u> communication

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<u>Mitochondrial quality control: Cell-type-dependent responses to pathological mutant mitochondrial DNA</u>

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Nitric oxide, complex I, and the modulation of mitochondrial reactive species in

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[HTML] Autophagy and mesenchymal cell fibrogenesis

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[HTML] <u>Host cell autophagy activated by antibiotics is required for their</u> effective antimycobacterial drug action

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<u>Targeting cancer cells through antibiotics-induced mitochondrial dysfunction requires autophagy inhibition</u>

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Regulation and functional significance of autophagy in respiratory cell biology and disease

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[HTML] <u>Vitamin D inhibits human immunodeficiency virus type 1 and Mycobacterium tuberculosis infection in macrophages through the induction of autophagy</u>

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Autophagy: an adaptive metabolic response to stress shaping the antitumor immunity

### Exosomes and autophagy: coordinated mechanisms for the maintenance of cellular fitness

[HTML] <u>Exosomes and autophagy: coordinated mechanisms for the</u> maintenance of cellular fitness

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[HTML] Immunologic manifestations of autophagy

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[HTML] <u>Posttranscriptional control of T cell effector function by aerobic glycolysis</u>

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Knockdown of autophagy inhibits infectious hepatitis C virus release by the exosomal pathway

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Extracellular vesicles in blood, milk and body fluids of the female and male

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Ménage à Trois in stress: DAMPs, redox and autophagy

The human immune response to Toxoplasma:
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[HTML] <u>The human immune response to Toxoplasma: Autophagy versus</u> cell death

Long-term live imaging reveals cytosolic immune responses of host hepatocytes against *Plasmodium* infection and parasite escape mechanisms

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<u>Autophagy downstream of endosomal Toll-like Receptors Signaling in</u>
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[HTML] <u>Between Armour and Weapons—Cell Death Mechanisms in Trypanosomatid Parasites</u>

# A noncanonical autophagy pathway restricts Endoplasmic reticulum stress and unfolded protein response in infection by intracellular parasites

[PDF] <u>A noncanonical autophagy pathway restricts Endoplasmic reticulum stress and unfolded protein response in infection by intracellular parasites</u>

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HTML] <u>The role of extracellular vesicles in modulating the host immune response during parasitic infections</u>

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[HTML] <u>The role of extracellular vesicles in Plasmodium and other protozoan parasites</u>

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[HTML] <u>Extracellular vesicles from infected cells: potential for direct pathogenesis</u>

### Autophagy and checkpoints for intracellular pathogen defence

[HTML] Autophagy and checkpoints for intracellular pathogen defense

### Mitochondrial dysfunction activates the AMPK signalling and autophagy to promote cell survival

HTML] <u>Mitochondrial dysfunction activates the AMPK signaling and autophagy to promote cell survival</u>

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<u>Disruption of cytochrome c oxidase function induces the Warburg effect</u> <u>and metabolic reprogramming</u>

## Oxidative Stress Induced Mitochondrial Protein Kinase A Mediates Cytochrome C Oxidase Dysfunction

[HTML] <u>Oxidative stress induced mitochondrial protein kinase A mediates cytochrome c oxidase dysfunction</u>

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<u>Immune regulation of the unfolded protein response at the mucosal barrier in viral infection</u>

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<u>Autophagy protects against active tuberculosis by suppressing bacterial burden and inflammation</u>

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<u>Mitochondrial quality control: Cell-type-dependent responses to pathological mutant mitochondrial DNA</u>

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PDF] <u>Listeria Monocytogenes: Understanding the Interaction of Pathogen and Host Physiology During Intracellular Growth</u>

#### Immune Dysfunction as a Cause and Consequence of Malnutrition

[HTML] Immune dysfunction as a cause and consequence of malnutrition

#### Targeting mitochondrial function in sepsis

[PDF] Targeting mitochondrial function in sepsis

### Autophagy restricts HIV-1 infection by selectively degrading Tat in CD4+ T lymphocytes

Autophagy restricts HIV-1 infection by selectively degrading Tat in CD4+ T lymphocytes

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Cancer and the gut microbiota: an unexpected link

#### Microbiota-mitochondria inter-talk: consequence for microbiota-host interaction

Microbiota-mitochondria inter-talk: consequence for microbiota-host interaction

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[PDF] Reactive oxygen species in health and disease

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[HTML] <u>Glucose metabolism in T cells and monocytes: new perspectives in</u> HIV pathogenesis

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[HTML] Viruses and the autophagy pathway

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[HTML] Exosomes in viral disease

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[PDF] Oxidative Stress in Infection and Consequent Disease

## Evidence of oxidative stress and secondary mitochondrial dysfunction in metabolic and non-metabolic disorders

<u>Evidence of oxidative stress and secondary mitochondrial dysfunction in</u> metabolic and non-metabolic disorders

## Microbiota-modulated metabolites shape the intestinal microenvironment by regulating NLRP6 inflammasome signaling

[HTML] <u>Microbiota-modulated metabolites shape the intestinal microenvironment by regulating NLRP6 inflammasome signaling</u>

#### Azithromycin inhibits IL-1 secretion and noncanonical inflammasome activation

[HTML] <u>Azithromycin inhibits IL-1 secretion and non-canonical</u> inflammasome activation

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[HTML] Mitochondrial DNA in the regulation of innate immune responses

## NLRP3 inflammasome activation: The convergence of multiple signalling pathways on ROS production?

NLRP3 inflammasome activation: The convergence of multiple signalling pathways on ROS production?

#### Signaling by ROS drives inflammasome activation

[HTML] Signaling by ROS drives inflammasome activation

#### Mitochondrial cardiolipin is required for Nlrp3 inflammasome activation

[HTML] <u>Mitochondrial cardiolipin is required for NIrp3 inflammasome</u> activation

## Activation of the NLRP3 inflammasome by Mycobacterium tuberculosis is uncoupled from susceptibility to active tuberculosis

Activation of the NLRP3 inflammasome by Mycobacterium tuberculosis is uncoupled from susceptibility to active tuberculosis

### Mitochondrial protein mitofusin 2 is required for NLRP3 inflammasome activation after RNA virus infection

<u>Mitochondrial protein mitofusin 2 is required for NLRP3 inflammasome</u> activation after RNA virus infection

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<u>Mitochondrial reactive oxygen species drive proinflammatory cytokine</u> production

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### Macrophages sense and kill bacteria through carbon monoxide-dependent inflammasome activation

<u>Macrophages sense and kill bacteria through carbon monoxide-dependent inflammasome activation</u>

#### **Bacterial exotoxins and the inflammasome**

[HTML] Bacterial exotoxins and the inflammasome

#### Mitophagy: a balance regulator of NLRP3 inflammasome activation

[HTML] Mitophagy: a balance regulator of NLRP3 inflammasome activation

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### <u>Turning up the heat: inflammasome activation by fungal pathogens</u>

[HTML] <u>Turning up the heat: inflammasome activation by fungal pathogens</u>

# Endothelial mitochondrial ROS, un-coupled from ATP synthesis, determine both physiological endothelial activation for recruitment of patrolling cells, and ...

[HTML] <u>Endothelial mitochondrial ROS</u>, <u>un-coupled from ATP synthesis</u>, <u>determine both physiological endothelial activation for recruitment of patrolling cells</u>, and ...

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Signaling cascades and inflammasome activation in microbial infections

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[HTML] Mechanisms and functions of inflammasomes

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HTML] <u>Inflammasome complexes: emerging mechanisms and effector functions</u>

### Macrolides protect against *Pseudomonas aeruginosa* infection via inhibition of inflammasomes

<u>Macrolides protect against *Pseudomonas aeruginosa* infection via inhibition of inflammasomes</u>

## AIM2 inflammasome in infection, cancer, and autoimmunity: Role in DNA sensing, inflammation, and innate immunity

[HTML] <u>AIM2 inflammasome in infection, cancer, and autoimmunity: Role in DNA sensing, inflammation, and innate immunity</u>

# Reactive oxygen species regulate caspase-11 expression and activation of the non-canonical NLRP3 inflammasome during enteric pathogen infection

[HTML] Reactive oxygen species regulate caspase-11 expression and activation of the non-canonical NLRP3 inflammasome during enteric pathogen infection

### Evasion of inflammasome activation by microbial pathogens

HTML] Evasion of inflammasome activation by microbial pathogens

#### Mitochondrial damage contributes to Pseudomonas aeruginosa activation of the inflammasome and is downregulated by autophagy

Mitochondrial damage contributes to *Pseudomonas aeruginosa* activation of the inflammasome and is downregulated by autophagy

#### Oxidized mitochondrial DNA activates the NLRP3 inflammasome during apoptosis

[HTML] Oxidized mitochondrial DNA activates the NLRP3 inflammasome during apoptosis

#### Reactive oxygen species and mitochondria: A nexus of cellular homeostasis

[HTML] Reactive oxygen species and mitochondria: A nexus of cellular homeostasis

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Inflammasomes in non-immune cells: functions and role in disease

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NLRP3 plays a major role in inflammasome activation during Mycoplasma pneumoniae infection

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[HTML] <u>NLRP3 inflammasome: from a danger signal sensor to a regulatory</u> node of oxidative stress and inflammatory diseases

## Cell stress increases ATP release in NLRP3 inflammasome-mediated autoinflammatory diseases, resulting in cytokine imbalance

<u>Cell stress increases ATP release in NLRP3 inflammasome-mediated autoinflammatory diseases, resulting in cytokine imbalance</u>

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Redox regulation of NLRP3 inflammasomes: ROS as trigger or effector?

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The reactive oxygen species in macrophage polarization: reflecting its dual role in progression and treatment of human diseases

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<u>Fueling inflamm-aging through mitochondrial dysfunction: mechanisms and molecular targets</u>

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HTML] NLRP6 inflammasome orchestrates the colonic host-microbial interface by regulating goblet cell mucus secretion

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[HTML] Mitochondrial DNA in the regulation of innate immune responses

## ROS-mediated NLRP3 inflammasome activation in brain, heart, kidney, and testis ischemia/reperfusion injury

ROS-mediated NLRP3 inflammasome activation in brain, heart, kidney, and testis ischemia/reperfusion injury

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Inflammasomes and intestinal inflammation

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[HTML] Mitochondrial control of innate immunity and inflammation

## Microbiota-modulated metabolites shape the intestinal microenvironment by regulating NLRP6 inflammasome signaling

[HTML] <u>Microbiota-modulated metabolites shape the intestinal microenvironment by regulating NLRP6 inflammasome signaling</u>

## The AIM2 inflammasome is a central regulator of intestinal homeostasis through the IL-18/IL-22/STAT3 pathway

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# Distinct Commensals Induce Interleukin-1b via NLRP3 Inflammasome in Inflammatory Monocytes to Promote Intestinal Inflammation in Response to Injury

<u>Distinct Commensals Induce Interleukin-1b via NLRP3 Inflammasome in Inflammatory Monocytes to Promote Intestinal Inflammation in Response to Injury</u>

## The NIrp3 inflammasome suppresses colorectal cancer metastatic growth in the liver by promoting natural killer cell tumoricidal activity

HTML] <u>The NIrp3 inflammasome suppresses colorectal cancer metastatic growth in the liver by promoting natural killer cell tumoricidal activity</u>

### Dietary cholesterol directly induces acute inflammasome-dependent intestinal inflammation

[HTML] <u>Dietary cholesterol directly induces acute inflammasome-dependent</u> intestinal inflammation

#### Induction of NLRP3 Inflammasome Activation by Heme in Human Endothelial Cells

<u>Induction of NLRP3 Inflammasome Activation by Heme in Human Endothelial Cells</u>

### HIV nonprogressors preferentially maintain highly functional HIV-specific CD8<sup>+</sup> T cells

[HTML] <u>HIV nonprogressors preferentially maintain highly functional HIV-</u> specific CD8<sup>+</sup> T cells

### Immune regulation of the unfolded protein response at the mucosal barrier in viral infection

<u>Immune regulation of the unfolded protein response at the mucosal barrier</u> in viral infection

#### Mitochondrial dynamics and viral infections: a close nexus

[HTML] Mitochondrial dynamics and viral infections: a close nexus

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[HTML] Autophagy and inflammation

### Ancient genomes, wise bodies, unhealthy people: limits of a genetic paradigm in biology and medicine

Ancient genomes, wise bodies, unhealthy people: limits of a genetic paradigm in biology and medicine

### Richard Strohman: The Coming Kuhanian Revolution in Biology

http://harveybialy.org/files/kuhn.pdf

#### **Questioning the HIV-AIDS hypothesis: 30 years of dissent**

[HTML] Questioning the HIV-AIDS hypothesis: 30 years of dissent

# Antibiotics, its mitochondrial toxicity, Antibiotic Resistance, Gut flora and bacterial translocation

# The microbial metabolite butyrate regulates intestinal macrophage function via histone deacetylase inhibition

The microbial metabolite butyrate regulates intestinal macrophage function via histone deacetylase inhibition

## Adverse effects of antimicrobials via predictable or idiosyncratic inhibition of host mitochondrial components

Adverse effects of antimicrobials via predictable or idiosyncratic inhibition of host mitochondrial components

#### <u>Ciprofloxacin does not inhibit mitochondrial</u> functions but other antibiotics do

Ciprofloxacin does not inhibit mitochondrial functions but other antibiotics do.

## Antibiotic use and abuse: A threat to mitochondria and chloroplasts with impact on research, health, and environment

[HTML] Antibiotic use and abuse: A threat to mitochondria and chloroplasts with impact on research, health, and environment

### Antibacterial drugs and their interference with the biogenesis of mitochondria in animal and human cells

Antibacterial drugs and their interference with the biogenesis of mitochondria in animal and human cells

### Inhibition of mammalian mitochondrial protein synthesis by oxazolidinones

Inhibition of mammalian mitochondrial protein synthesis by oxazolidinones

# The biogenesis of mitochondria, VI. Biochemical basis of the resistance of Saccharomyces cerevisiae toward antibiotics which specifically inhibit mitochondrial ...

[PDF] The biogenesis of mitochondria, VI. Biochemical basis of the resistance of Saccharomyces cerevisiae toward antibiotics which specifically inhibit mitochondrial ...

Macrolide-induced clinically relevant drug interactions with cytochrome P-450A (CYP) 3A4: an update focused on clarithromycin, azithromycin and dirithromycin

Macrolide-induced clinically relevant drug interactions with cytochrome P-450A (CYP) 3A4: an update focused on clarithromycin, azithromycin and dirithromycin

## Several gene programs are induced in ciprofloxacin-treated human lymphocytes as revealed by microarray analysis

Several gene programs are induced in ciprofloxacin-treated human lymphocytes as revealed by microarray analysis

### Hepatic gene expression profiling and lipid homeostasis in mice exposed to steatogenic drug, tetracycline

Hepatic gene expression profiling and lipid homeostasis in mice exposed to steatogenic drug, tetracycline

### Severe cutaneous adverse reactions related to systemic antibiotics

Severe cutaneous adverse reactions related to systemic antibiotics

#### Penicillins, Cephalosporins, Other Beta-Lactam Antibiotics and Tetracyclines

Penicillins, Cephalosporins, Other Beta-Lactam Antibiotics and Tetracyclines

#### Inactivation of antibiotics and the dissemination of resistance genes

<u>Inactivation of antibiotics and the dissemination of resistance genes</u>

## Decreased affinity of mosaic-structure recombinant penicillin-binding protein 2 for oral cephalosporins in *Neisseria gonorrhoeae*

[HTML] <u>Decreased affinity of mosaic-structure recombinant penicillin-binding</u> protein 2 for oral cephalosporins in *Neisseria gonorrhoeae* 

### Tetracycline alters drug susceptibility in Candida albicans and other pathogenic fungi

<u>Tetracycline alters drug susceptibility in Candida albicans and other</u> pathogenic fungi

## Increasing prevalence of antimicrobial resistance among uropathogens causing acute uncomplicated cystitis in women

[HTML] <u>Increasing prevalence of antimicrobial resistance among uropathogens causing acute uncomplicated cystitis in women</u>

## Adverse drug reactions related to amoxicillin alone and in association with clavulanic acid: data from spontaneous reporting in Italy

Adverse drug reactions related to amoxicillin alone and in association with clavulanic acid: data from spontaneous reporting in Italy

#### Transfer of multiple drug resistance plasmids between bacteria of diverse origins in natural microenvironments.

<u>Transfer of multiple drug resistance plasmids between bacteria of diverse origins in natural microenvironments.</u>

### Prevention of resistance: a goal for dose selection for antimicrobial agents

Prevention of resistance: a goal for dose selection for antimicrobial agents

### Distribution of quinolones, sulfonamides, tetracyclines in aquatic environment and antibiotic resistance in Indochina

HTML] <u>Distribution of quinolones</u>, <u>sulfonamides</u>, <u>tetracyclines in aquatic</u> environment and antibiotic resistance in Indochina

# Antimicrobial resistance profiles of enterococci isolated from poultry meat and pasteurized milk in Rio de Janeiro, Brazil

[HTML] <u>Antimicrobial resistance profiles of enterococci isolated from poultry meat</u> and pasteurized milk in Rio de Janeiro, Brazil

## Pattern of co-infection by enteric pathogenic parasites among HIV sero-positive individuals in a Tertiary Care Hospital, Mumbai, India

[HTML] <u>Pattern of co-infection by enteric pathogenic parasites among HIV sero-positive individuals in a Tertiary Care Hospital, Mumbai, India</u>

# Enteric dysbiosis promotes antibiotic-resistant bacterial infection: systemic dissemination of resistant and commensal bacteria through epithelial transcytosis

<u>Enteric dysbiosis promotes antibiotic-resistant bacterial infection: systemic dissemination of resistant and commensal bacteria through epithelial transcytosis</u>

# Increased tryptophan catabolism is associated with increased frequency of CD161+ Tc17/MAIT cells and lower CD4+ T-cell count in HIV-1 infected patients on cART ...

Increased tryptophan catabolism is associated with increased frequency of CD161+ Tc17/MAIT cells and lower CD4+ T-cell count in HIV-1 infected patients on cART ...

## Frequencies of circulating MAIT cells are diminished in chronic HCV, HIV and HCV/HIV co-infection and do not recover during therapy

[HTML] <u>Frequencies of circulating MAIT cells are diminished in chronic HCV</u>, HIV and HCV/HIV co-infection and do not recover during therapy

### IL-17 Production from T helper 17, Mucosal-associated invariant T, and $\gamma\delta$ cells in Tuberculosis infection and Disease

[HTML] <u>il-17 Production from T helper 17, Mucosal-associated invariant T, and γδ cells in Tuberculosis infection and Disease</u>

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[HTML] <u>Antibiotics and the human gut microbiome: dysbioses and accumulation of resistances</u>

### Modulation of the host innate immune and inflammatory response by translocated bacterial proteins

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### Intestinal microbiota, microbial translocation, and systemic inflammation in chronic HIV infection

[HTML] <u>Intestinal microbiota, microbial translocation, and systemic inflammation in chronic HIV infection</u>

#### Evidence for polymicrobic flora translocating in peripheral blood of HIV-infected patients with poor immune response to antiretroviral therapy

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### Dysbiosis of the gut microbiota is associated with HIV disease progression and tryptophan catabolism

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### Gut Lactobacillales are associated with higher CD4 and less microbial translocation during HIV infection

[HTML] <u>Gut Lactobacillales are associated with higher CD4 and less microbial translocation during HIV infection</u>

## The microbial metabolite butyrate regulates intestinal macrophage function via histone deacetylase inhibition

The microbial metabolite butyrate regulates intestinal macrophage function via histone deacetylase inhibition

#### The gut microbiome in human immunodeficiency virus infection

[HTML] The gut microbiome in human immunodeficiency virus infection

#### Microbial translocation and microbiome dysbiosis in HIV-associated immune activation

[HTML] <u>Microbial translocation and microbiome dsybiosis in HIV-associated immune activation</u>

## The dynamics of bacteria population on the skin, throat, and gastrointestinal tract of HIV-seropositive patients

[HTML] <u>The dynamics of bacteria population on the skin, throat, and gastrointestinal tract of HIV-seropositive patients</u>

# Gut mucosal barrier dysfunction, microbial dysbiosis, and their role in HIV-1 disease progression

<u>Gut mucosal barrier dysfunction, microbial dysbiosis, and their role in HIV-1 disease progression</u>

# Gut epithelial barrier dysfunction in human immunodeficiency virus-hepatitis C virus coinfected patients: Influence on innate and acquired immunity

[HTML] <u>Gut epithelial barrier dysfunction in human immunodeficiency virus-hepatitis C virus coinfected patients: Influence on innate and acquired immunity</u>

# Immune activation is associated with increased gut microbial translocation in treatment-naive, HIV-infected children in a resource-limited setting

[HTML] <u>Immune activation is associated with increased gut microbial translocation in treatment-naive, HIV-infected children in a resource-limited setting</u>

# The common enteric bacterial pathogens and their antimicrobial susceptibility pattern among HIV-infected individuals attending the antiretroviral therapy clinic ...

[HTML] <u>The common enteric bacterial pathogens and their antimicrobial</u> <u>susceptibility pattern among HIV-infected individuals attending the antiretroviral therapy clinic ...</u>

### Richer gut microbiota with distinct metabolic profile in HIV infected elite controllers Activation and function of iNKT and MAIT cells

[HTML] <u>Richer gut microbiota with distinct metabolic profile in HIV infected</u> <u>elite controllers</u>

Activation and function of iNKT and MAIT cells

## Bactericidal antibiotics promote reactive oxygen species formation and inflammation in human sinonasal epithelial cells

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[HTML] <u>Gut barrier structure, mucosal immunity and intestinal microbiota in the pathogenesis and treatment of HIV infection</u>

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The impact of intestinal inflammation on the nutritional environment of the gut microbiota

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Oxidative stress: an essential factor in the pathogenesis of gastrointestinal mucosal diseases

#### Glucose metabolism regulates T cell activation, differentiation, and functions

[HTML] <u>Glucose metabolism regulates T cell activation, differentiation, and</u> functions

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HTML] <u>Amino Acids As Mediators of Metabolic Cross Talk between Host and Pathogen</u>

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Control of pathogens and pathobionts by the gut microbiota

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Role of anaerobic flora in the translocation of aerobic and facultatively anaerobic intestinal bacteria.

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<u>Crosstalk between the intestinal microbiota and the innate immune</u> <u>system in intestinal</u>

#### Leaky gut and the liver: A role for bacterial translocation in nonalcoholic steatohepatitis

[HTML] <u>Leaky gut and the liver: a role for bacterial translocation in nonalcoholic steatohepatitis</u>

### The Impact of Antibiotics on the Gut Microbiota as Revealed by High Throughput DNA Sequencing

[HTML] The impact of antibiotics on the gut microbiota as revealed by high throughput DNA sequencing

### Host-microbe interactions shaping the gastrointestinal environment

http://europepmc.org/articles/pmc4253298

#### Gut-Associated Lymphoid Tissue-Regulated Intestinal Barrier in HIV Infection

[PDF] <u>Gut-associated lymphoid tissue-regulated intestinal barrier in HIV</u> infection

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<u>Microbial translocation is a cause of systemic immune activation in chronic</u> HIV infection

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<u>Dysbiosis of the gut microbiota is associated with HIV disease progression and tryptophan catabolism</u>

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<u>Inflammatory properties of antibiotic-treated bacteria</u>

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#### Starring role of toll-like receptor-4 activation in the gut-liver axis

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## Alterations in the fecal microbiota of patients with HIV-1 infection: an observational study in a Chinese population

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[HTML] <u>Microbial translocation and microbiome dsybiosis in HIV-associated</u> immune activation

## Gut mucosal barrier dysfunction, microbial dysbiosis, and their role in HIV-1 disease progression

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The gut microbiota and host health: a new clinical frontier

#### Effect of probiotic supplement on cytokine levels in HIV-infected individuals: a preliminary study

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# Reduced levels of D-dimer and changes in gut microbiota composition after probiotic intervention in HIV-infected individuals on stable ART

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### Intestinal microbiota, microbial translocation, and systemic inflammation in chronic HIV infection

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#### Effector and Memory T cell Responses to Commensal Bacteria

Effector and memory T cell responses to commensal bacteria

#### Functional characterization of the antibiotic resistance reservoir in the human microflora

<u>Functional characterization of the antibiotic resistance reservoir in the human microflora</u>

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Long-term impacts of antibiotic exposure on the human intestinal microbiota

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Antibiotic administration alters the community structure of the gastrointestinal microbiota

#### Effect of oral tetracycline, the microbial flora, and the athymic state on gastrointestinal colonization and infection of BALB/c mice with Candida albicans.

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### The gut as reservoir of antibiotic resistance: microbial diversity of tetracycline resistance in mother and infant

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### Reproducible community dynamics of the gastrointestinal microbiota following antibiotic perturbation

Reproducible community dynamics of the gastrointestinal microbiota following antibiotic perturbation

# Causative agent distribution and antibiotic therapy assessment among adult patients with community acquired pneumonia in Chinese urban population

[HTML] <u>Causative agent distribution and antibiotic therapy assessment among adult patients with community acquired pneumonia in Chinese urban population</u>

# Impact of trimethoprim-sulfamethoxazole prophylaxis on etiology and susceptibilities of pathogens causing human immunodeficiency virus-associated bacteremia

Impact of trimethoprim-sulfamethoxazole prophylaxis on etiology and susceptibilities of pathogens causing human immunodeficiency virus-associated bacteremia

#### Vancomycin-resistant enterococci exploit antibiotic-induced innate immune deficits

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# Reduced stem cell mobilization in mice receiving antibiotic modulation of the intestinal flora: involvement of endotoxins as cofactors in mobilization

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### Short-term antibiotic treatment has differing long-term impacts on the human throat and gut microbiome

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#### From structure to function: the ecology of hostassociated microbial communities

From structure to function: the ecology of host-associated microbial communities

# Perturbation of the small intestine microbial ecology by streptomycin alters pathology in a Salmonella enterica serovar typhimurium murine model of infection

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#### Microbiota and probiotics in health and HIV infection

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#### Evidence for polymicrobic flora translocating in peripheral blood of HIV-infected patients with poor immune response to antiretroviral therapy

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## The microbial metabolite butyrate regulates intestinal macrophage function via histone deacetylase inhibition

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# Dysbiosis gut microbiota associated with inflammation and impaired mucosal immune function in intestine of humans with non-alcoholic fatty liver disease

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### Gut Lactobacillales are associated with higher CD4 and less microbial translocation during HIV infection

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# Immune activation is associated with increased gut microbial translocation in treatment-naive, HIV-infected children in a resource-limited setting

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#### Signals from the gut microbiota to distant organs in physiology and disease

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# Gut epithelial barrier dysfunction in human immunodeficiency virus-hepatitis C virus coinfected patients: Influence on innate and acquired immunity

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#### Gut microbiota in HIV infection: implication for disease progression and management

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#### Prevalence and antibiotic resistance pattern of blood culture isolates from human immunodeficiency virus (HIV) patients on highly active anti-retroviral therapy ...

[PDF] <u>Prevalence and antibiotic resistance pattern of blood culture isolates from human immuno-deficiency virus (HIV) patients on highly active anti-retroviral therapy ...</u>

# The common enteric bacterial pathogens and their antimicrobial susceptibility pattern among HIV-infected individuals attending the antiretroviral therapy clinic ...

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## Pattern of co-infection by enteric pathogenic parasites among HIV sero-positive individuals in a Tertiary Care Hospital, Mumbai, India

[HTML] <u>Pattern of co-infection by enteric pathogenic parasites among HIV</u> sero-positive individuals in a Tertiary Care Hospital, Mumbai, India

### Evasion of inflammasome activation by microbial pathogens

## Bactericidal antibiotics promote reactive oxygen species formation and inflammation in human sinonasal epithelial cells

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# Gut microbiota in HIV infection: implication for disease progression and management Strategies to limit immune-activation in HIV patients

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## Anaerobic bacterial fermentation products increase tuberculosis risk in antiretroviral-drugtreated HIV patients

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#### Azithromycin inhibits IL-1 secretion and noncanonical inflammasome activation

[HTML] <u>Azithromycin inhibits IL-1 secretion and non-canonical</u> inflammasome activation

### Doxycycline Attenuates Leptospira-Induced IL-1ß by Suppressing NLRP3 Inflammasome Priming

[HTML] <u>Doxycycline Attenuates Leptospira-Induced IL-1β by Suppressing NLRP3 Inflammasome Priming</u>

## Microbiota-modulated metabolites shape the intestinal microenvironment by regulating NLRP6 inflammasome signaling

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## The microbial metabolite butyrate regulates intestinal macrophage function via histone deacetylase inhibition

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## Inflammation as a target of minocycline: special interest in the regulation of inflammasome signaling

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#### Antibiotic-induced changes in the intestinal microbiota and disease

Antibiotic-induced changes in the intestinal microbiota and disease

# Modulation of the host innate immune and inflammatory response by translocated bacterial proteins

[HTML] <u>Modulation of the host innate immune and inflammatory response</u> by translocated bacterial proteins

# The role of the microbial metabolites including tryptophan catabolites and short chain fatty acids in the pathophysiology of immune-inflammatory and neuroimmune ...

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#### Impairment of innate immune killing mechanisms by

#### bacteriostatic antibiotics

<u>Impairment of innate immune killing mechanisms by bacteriostatic</u> antibiotics

#### Mechanisms of action of newer antibiotics for Gram-positive pathogens

Mechanisms of action of newer antibiotics for Gram-positive pathogens

#### Antagonism between Bacteriostatic and Bactericidal Antibiotics Is Prevalent

Antagonism between bacteriostatic and bactericidal antibiotics is prevalent

#### Reactive oxygen species and the bacterial response to lethal stress

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4254325/

#### Concentration-dependent activity of antibiotics in natural environments

[HTML] <u>Concentration-dependent activity of antibiotics in natural</u> environments

#### Mechanisms of bacterial persistence during stress and antibiotic exposure

Mechanisms of bacterial persistence during stress and antibiotic exposure

#### Bactericidal Antibiotics Induce Mitochondrial Dysfunction and Oxidative Damage in Mammalian Cells

<u>Bactericidal antibiotics induce mitochondrial dysfunction and oxidative damage in mammalian cells</u>

# Antibiotics that target mitochondria effectively eradicate cancer stem cells, across multiple tumor types: Treating cancer like an infectious disease

[HTML] <u>Antibiotics that target mitochondria effectively eradicate cancer</u> <u>stem cells, across multiple tumor types: treating cancer like an infectious</u> disease

## Antibiotic use and abuse: A threat to mitochondria and chloroplasts with impact on research, health, and environment

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### **Antibiotic Overusage Causes Mitochondrial Dysfunction Which May Promote Tumorigenesis**

[PDF] <u>Antibiotic Overusage Causes Mitochondrial Dysfunction Which May Promote Tumorigenesis</u>

#### Antibiotics induce redox-related physiological alterations as part of their lethality

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#### Impact of antibiotics on the microcirculation in local and systemic inflammation

[PDF] <u>Impact of antibiotics on the microcirculation in local and systemic inflammation</u>

#### Eradication of bacterial persisters with antibioticgenerated hydroxyl radicals

<u>Eradication of bacterial persisters with antibiotic-generated hydroxyl</u> radicals

### Bacterial Responses and Genome Instability Induced by Subinhibitory Concentrations of Antibiotics

[HTML] <u>Bacterial responses and genome instability induced by</u> <u>subinhibitory concentrations of antibiotics</u>

#### Persistent bacterial infections, antibiotic tolerance, and the oxidative stress response

<u>Persistent bacterial infections, antibiotic tolerance, and the oxidative stress response</u>

#### Bacterial stress responses as determinants of antimicrobial resistance

Bacterial stress responses as determinants of antimicrobial resistance

#### Ribosome-targeting antibiotics and mechanisms of bacterial resistance

Ribosome-targeting antibiotics and mechanisms of bacterial resistance

#### Evidence That Antibiotics Bind to Human Mitochondrial Ribosomal RNA Has Implications for Aminoglycoside Toxicity.

<u>Evidence that antibiotics bind to human mitochondrial ribosomal RNA has implications for aminoglycoside toxicity</u>

#### Methicillin-resistant Staphylococcus aureus Bacterial Nitric-oxide Synthase Affects Antibiotic Sensitivity and Skin Abscess Development

<u>Methicillin-resistant Staphylococcus aureus bacterial nitric-oxide synthase</u> <u>affects antibiotic sensitivity and skin abscess development</u>

## Effect of Ampicillin, Streptomycin, Penicillin and Tetracycline on Metal Resistant and Non-Resistant Staphylococcus aureus

[HTML] <u>Effect of ampicillin, streptomycin, penicillin and tetracycline on metal resistant and non-resistant Staphylococcus aureus</u>

## Tetracyclines Disturb Mitochondrial Function across Eukaryotic Models: A Call for Caution in Biomedical Research

[HTML] <u>Tetracyclines disturb mitochondrial function across eukaryotic models</u>: a call for caution in biomedical research

# Persistence of *Neisseria gonorrhoeae* DNA Following Treatment for Pharyngeal and Rectal Gonorrhea Is Influenced by Antibiotic Susceptibility and Reinfection

Persistence of *Neisseria gonorrhoeae* DNA Following Treatment for Pharyngeal and Rectal Gonorrhea Is Influenced by Antibiotic Susceptibility and ...

## Drug Resistance-Associated Mutations in Mycoplasma genitalium in Female Sex Workers, Japan

[HTML] <u>Drug Resistance-Associated Mutations in Mycoplasma genitalium</u> in Female Sex Workers, Japan

#### Prevalence and risk factors for methicillinresistant *Staphylococcus aureus* in an HIVpositive cohort

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#### Rapid, Sensitive, and Accurate Evaluation of Drug Resistant Mutant (NS5A-Y93H) Strain Frequency in Genotype 1b HCV by Invader Assay (Hepatitis C)

[HTML] <u>Prevalence and risk factors for methicillin-resistant Staphylococcus</u> <u>aureus in an HIV-positive cohort</u>

## Antimicrobial strategies centred around reactive oxygen Species - bactericidal antibiotics, photodynamic therapy, and beyond

Antimicrobial strategies centered around reactive oxygen speciesbactericidal antibiotics, photodynamic therapy, and beyond

#### Antibiotic residues in food: the African scenario

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### Molecular Detection of Antibiotic Resistance in South African Isolates of Helicobacter pylori

<u>Molecular detection of antibiotic resistance in South African isolates of Helicobacter pylori</u>

#### Antibiotic susceptibilities and resistance genes of *Ureaplasma parvum* isolated in South Africa

[HTML] <u>Antibiotic susceptibilities and resistance genes of *Ureaplasma* parvum isolated in South Africa</u>

#### Antibiotic Susceptibilities of Enterococcus Species Isolated from Hospital and Domestic Wastewater Effluents in Alice, Eastern Cape Province of South Africa

[HTML] <u>Antibiotic susceptibilities of Enterococcus species isolated from hospital and domestic wastewater effluents in Alice, eastern Cape Province of South Africa</u>

#### Detection of Anorectal and Cervicovaginal Chlamydia Trachomatis Infections following Azithromycin Treatment: Prospective Cohort Study with Multiple Time-Sequential Measures of rRNA, DNA, Quantitative Load and Symptoms

[HTML] <u>Detection of anorectal and cervicovaginal Chlamydia trachomatis infections following azithromycin treatment: prospective cohort study with multiple time ...</u>

## Antimicrobial Resistance and Virulence: a Successful or Deleterious Association in the Bacterial World?

Antimicrobial resistance and virulence: a successful or deleterious association in the bacterial world?

## Antibiotic resistance in prevalent bacterial and protozoan sexually transmitted infections

[HTML] <u>Antibiotic resistance in prevalent bacterial and protozoan sexually</u> transmitted infections

# Antibiotic Susceptibility and Sequence Type Distribution of Ureaplasma Species Isolated from Genital Samples in Switzerland

Antibiotic susceptibility and sequence type distribution of Ureaplasma species isolated from genital samples in Switzerland

## Antibiotics usage in food producing animals in South Africa and impact on human: Antibiotic resistance

<u>Antibiotics usage in food-producing animals in South Africa and impact on</u> human: Antibiotic resistance

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The role of the natural environment in the emergence of antibiotic resistance in Gram-negative bacteria

#### Antibiotic resistance—the need for global solutions

Antibiotic resistance—the need for global solutions

## High Rates of Antimicrobial Drug Resistance Gene Acquisition after International Travel, the Netherlands

[HTML] <u>High rates of antimicrobial drug resistance gene acquisition after international travel, The Netherlands</u>

#### Antimicrobial resistance; Global report on surveillance

[BUCH] Antimicrobial resistance: global report on surveillance

## Antibiotic Susceptibility Patterns of Uropathogens in Obstetric Patients

[HTML] <u>Antibiotic susceptibility patterns of uropathogens in obstetric</u> patients

#### Emergence of a new antibiotic resistance mechanism in India, Pakistan, and the UK: a molecular, biological, and epidemiological study

[HTML] <u>Emergence of a new antibiotic resistance mechanism in India,</u> <u>Pakistan, and the UK: a molecular, biological, and epidemiological study</u>

Antibiotic resistance profiles and relatedness of enteric bacterial pathogens isolated from HIV/AIDS patients with and without diarrhoea and their household drinking water in rural communities in Limpopo Province South Africa Antibiotic resistance profiles and relatedness of enteric bacterial pathogens isolated from HIV/AIDS

#### Effect of Trimethoprim-Sulfamethoxazole Prophylaxis on Antimicrobial Resistance of Fecal Escherichia coli in HIV-Infected Patients in Tanzania

[HTML] <u>Effect of trimethoprim-sulfamethoxazole prophylaxis on</u> <u>antimicrobial resistance of fecal Escherichia coli in HIV-infected patients in Tanzania</u>

#### Azithromycin resistance in Treponema pallidum Azithromycin resistance in Treponema pallidum

## Antibiotic resistance among pathogens causing disease in Jamaican children with HIV/AIDS

[HTML] <u>Antibiotic resistance among pathogens causing disease in</u> Jamaican children with HIV/AIDS

Empiric Use of Trimethoprim-Sulfamethoxazole (TMP-SMX) in the Treatment of Women with Uncomplicated Urinary Tract Infections, in a Geographical Area with a High Prevalence of TMP-SMX-Resistant Uropathogens

http://cid.oxfordiournals.org/content/34/9/1165.long

## Frequency of Antibiotic Resistance among Group B *Streptococcus* Isolated from Healthy College Students

<u>Frequency of Antibiotic Resistance among Group B Streptococcus Isolated</u> from Healthy College Students

# Prevalence of Urinary Tract Infections among a cohort of HIV Positive Patients accessing care in a rural health centre in Nigeria

<u>Prevalence of Urinary Tract Infections among a cohort of HIV Positive</u>
<u>Patients accessing care in a rural health centre in Nigeria</u>

#### Antibiotic resistance of *Gardnerella vaginalis* in recurrent bacterial vaginosis

[HTML] <u>Antibiotic resistance of Gardnerella vaginalis in recurrent bacterial vaginosis</u>

#### Antibiotic Resistance Patterns Of Group B Streptococciln Pregnant Women

Antibiotic resistance patterns of group B streptococci in pregnant women.

#### Prevalence and Mechanisms of Macrolide Resistance in Invasive and Noninvasive Group B Streptococcus Isolates from Ontario, Canada

<u>Prevalence and mechanisms of macrolide resistance in invasive and noninvasive group B streptococcus isolates from Ontario, Canada</u>

## Trends in Incidence and Antimicrobial Resistance of Early-Onset Sepsis: Population-Based Surveillance in San Francisco and Atlanta

<u>Trends in incidence and antimicrobial resistance of early-onset sepsis:</u>
population-based surveillance in San Francisco and Atlanta

# Incomplete recovery and individualized responses of the human distal gut microbiota to repeated antibiotic perturbation

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# Resistance of Group B Streptococcus to Selected Antibiotics, Including Erythromycin and Clindamycin

Resistance of group B streptococcus to selected antibiotics, including erythromycin and clindamycin

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#### Antibiotics, microbiota, and immune defence

Antibiotics, microbiota, and immune defense

## Antibiotic resistance shaping multi-level population biology of bacteria

[HTML] <u>Antibiotic resistance shaping multi-level population biology of</u> bacteria

#### Friend Turned Foe: Evolution of Enterococcal Virulence and Antibiotic Resistance

<u>Friend turned foe: evolution of enterococcal virulence and antibiotic</u> resistance

#### Antibiotic resistance breakers: can repurposed drugs fill the antibiotic discovery void?

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# Prevalence of vancomycin resistant *Enterococci* and associated risk factors among clients with and without HIV in Northwest Ethiopia: a cross-sectional study

[PDF] <u>Prevalence of vancomycin resistant Enterococci and associated risk factors among clients with and without HIV in Northwest Ethiopia: a cross-sectional study</u>

# Antimicrobial drug resistance among clinically relevant bacterial isolates in sub-Saharan Africa: a systematic review

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## Genotyping of Multidrug -Resistant Strains of Mycobacterium Tuberculosis in the Limpopo Province

<u>Genotyping of multidrug-resistant strains of mycobacterium tuberculosis in</u> the Limpopo Province

# Enteric dysbiosis promotes antibiotic-resistant bacterial infection: systemic dissemination of resistant and commensal bacteria through epithelial transcytosis

[HTML] <u>Enteric dysbiosis promotes antibiotic-resistant bacterial infection:</u> <u>systemic dissemination of resistant and commensal bacteria through epithelial transcytosis</u>

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The impact of intestinal inflammation on the nutritional environment of the gut microbiota

## Oxidative Stress: An Essential Factor in the Pathogenesis of Gastrointestinal Mucosal Diseases

Oxidative stress: an essential factor in the pathogenesis of gastrointestinal mucosal diseases

#### Effector and Memory T cell Responses to Commensal Bacteria

Effector and memory T cell responses to commensal bacteria

#### Control of Pathogens and Pathobionts by the Gut Microbiota

Control of pathogens and pathobionts by the gut microbiota

## Host-microbe interactions shaping the gastrointestinal environment

http://europepmc.org/articles/pmc4253298

#### Microbial translocation is a cause of systemic immune activation in chronic HIV infection

<u>Microbial translocation is a cause of systemic immune activation in chronic</u> HIV infection

#### Dual role of commensal bacteria in viral infections

Dual role of commensal bacteria in viral infections

## Gut barrier structure, mucosal immunity and intestinal microbiota in the pathogenesis and treatment of HIV infection

[HTML] <u>Gut barrier structure, mucosal immunity and intestinal microbiota</u> in the pathogenesis and treatment of HIV infection

#### Microbial translocation, immune activation and HIV disease

Microbial translocation, immune activation, and HIV disease

Unravelling the relationship between microbial translocation and systemic immune activation in HIV infection

HTML] <u>Unraveling the relationship between microbial translocation and</u> systemic immune activation in HIV infection

#### Microbial translocation in the pathogenesis of HIV infection and AIDS

Microbial translocation in the pathogenesis of HIV infection and AIDS

## Dysbiosis of the gut microbiota is associated with HIV disease progression and tryptophan catabolism

<u>Dysbiosis of the gut microbiota is associated with HIV disease progression and tryptophan catabolism</u>

#### Inflammatory properties of antibiotic-treated bacteria

Inflammatory properties of antibiotic-treated bacteria

## Signals from the gut microbiota to distant organs in physiology and disease

Signals from the gut microbiota to distant organs in physiology and disease

## Commensal microbiome promotes resistance to local and systemic infections

[HTML] <u>Commensal microbiome promotes resistance to local and systemic infections</u>

#### Anatomical localization of commensal bacteria in immune cell homeostasis and disease

<u>Anatomical localization of commensal bacteria in immune cell homeostasis and disease</u>

## Starring role of toll-like receptor-4 activation in the gut-liver axis

Starring role of toll-like receptor-4 activation in the gut-liver axis

### The impact of intestinal inflammation on the nutritional environment of the gut microbiota

The impact of intestinal inflammation on the nutritional environment of the gut microbiota

Inflammatory properties of antibiotic-treated bacteria

# The role of the microbial metabolites including tryptophan catabolites and short chain fatty acids in the pathophysiology of immune-inflammatory and neuroimmune ...

The role of the microbial metabolites including tryptophan catabolites and short chain fatty acids in the pathophysiology of immune-inflammatory and neuroimmune ...

#### Specialized Metabolites from the Microbiome in Health and Disease

[HTML] Specialized metabolites from the microbiome in health and disease

# Host resistance to an intragastric infection with Listeria monocytogenes in mice depends on cellular immunity and intestinal bacterial flora.

Host resistance to an intragastric infection with Listeria monocytogenes in mice depends on cellular immunity and intestinal bacterial flora.

### Role of the Microbiota in Immunity and Inflammation

[HTML] Role of the microbiota in immunity and inflammation

# Antibiotic-induced imbalances in gut microbiota aggravates cholesterol accumulation and liver injuries in rats fed a high-cholesterol diet

<u>Antibiotic-induced imbalances in gut microbiota aggravates cholesterol</u> accumulation and liver injuries in rats fed a high-cholesterol diet

#### Chemical conversations in the gut microbiota

Chemical conversations in the gut microbiota

### Commensal bacteria at the interface of host metabolism and the immune system

<u>Commensal bacteria at the interface of host metabolism and the immune</u> system

### Gut microbiota disturbance during antibiotic therapy: a multi-omic approach

[HTML] <u>Gut microbiota disturbance during antibiotic therapy: a multi-omic</u> approach

<u>Gut microbiota disturbance during antibiotic therapy: a multi-omic approach</u>

## Microbial and dietary factors modulating intestinal regulatory T cell homeostasis

[HTML] <u>Microbial and dietary factors modulating intestinal regulatory T cell</u> homeostasis

#### Gut microbiota and host metabolism in liver cirrhosis

[HTML] Gut microbiota and host metabolism in liver cirrhosis

## **Acquired Antibiotic Resistance: Are We Born with It?**

Acquired antibiotic resistance: are we born with it?

#### Targeting cancer cells through antibioticsinduced mitochondrial dysfunction requires autophagy inhibition

Targeting cancer cells through antibiotics-induced mitochondrial dysfunction requires autophagy inhibition

#### Intestinal epithelial cells: regulators of barrier function and immune homeostasis

<u>Intestinal epithelial cells: regulators of barrier function and immune</u> homeostasis

#### Antibiotics and the gut microbiota

[HTML] Antibiotics and the gut microbiota

# Subcellular mechanisms involved in apoptosis induced by aminoglycoside antibiotics: Insights on p53, proteasome and endoplasmic reticulum

<u>Subcellular mechanisms involved in apoptosis induced by aminoglycoside</u> antibiotics: Insights on p53, proteasome and endoplasmic reticulum

# The effects of antibiotics on the microbiome throughout development and alternative approaches for therapeutic modulation

[HTML] <u>The effects of antibiotics on the microbiome throughout</u> <u>development and alternative approaches for the rapeutic modulation</u>

## Adverse Effects of Antimicrobials via Predictable or Idiosyncratic Inhibition of Host Mitochondrial Components

Adverse effects of antimicrobials via predictable or idiosyncratic inhibition of host mitochondrial components

## Tetracyclines Disturb Mitochondrial Function across Eukaryotic Models: A Call for Caution in Biomedical Research

[HTML] <u>Tetracyclines disturb mitochondrial function across eukaryotic models: a call for caution in biomedical research</u>

#### Fluoroquinolone-Induced Tendinopathy: Etiology and Preventive Measures

Fluoroquinolone-induced tendinopathy: etiology and preventive measures

#### Antibiotic resistance—the need for global solutions

Antibiotic resistance—the need for global solutions

#### Antibiotics, microbiota, and immune defense

Antibiotics, microbiota, and immune defense

#### Mini-review: biofilm responses to oxidative stress

Mini-review: biofilm responses to oxidative stress

# Clinical relevance of bacteriostatic versus bactericidal mechanisms of action in the treatment of Gram-positive bacterial infections

<u>Clinical relevance of bacteriostatic versus bactericidal mechanisms of action in the treatment of Gram-positive bacterial infections</u>

# Host cell autophagy activated by antibiotics is required for their effective antimycobacterial drug action

[HTML] <u>Host cell autophagy activated by antibiotics is required for their effective antimycobacterial drug action</u>

## Role of anaerobic flora in the translocation of aerobic and facultatively anaerobic intestinal bacteria.

Role of anaerobic flora in the translocation of aerobic and facultatively anaerobic intestinal bacteria.

## Antibiotic resistance, antimicrobial residues and bacterial community composition in urban wastewater

<u>Antibiotic resistance, antimicrobial residues and bacterial community</u> composition in urban wastewater

## Antibiotic regimens and intestinal colonization with antibiotic-resistant gram-negative bacilli

Antibiotic regimens and intestinal colonization with antibiotic-resistant gram-negative bacilli

#### Multidrug resistance: an emerging crisis

Multidrug resistance: an emerging crisis

# Antimicrobial resistance determinants in antibiotic and biocide-resistant gram-negative bacteria from organic foods

Antimicrobial resistance determinants in antibiotic and biocide-resistant gram-negative bacteria from organic foods

#### Multiplex real-time PCR assay with highresolution melting analysis for characterization of antimicrobial resistance in Neisseria gonorrhoeae

<u>Multiplex real-time PCR assay with high-resolution melting analysis for characterization of antimicrobial resistance in Neisseria gonorrhoeae o.k.</u>

### Antimicrobial resistance in the food chain: a review

[HTML] Antimicrobial resistance in the food chain: a review

# Oxidative stress and antibiotic resistance in bacterial pathogens: state of the art, methodologies, and future trends

Oxidative stress and antibiotic resistance in bacterial pathogens: state of the art, methodologies, and future trends

## Antimicrobial resistance and virulence: a successful or deleterious association in the bacterial world?

Antimicrobial resistance and virulence: a successful or deleterious association in the bacterial world?

#### Methicillin-resistant Staphylococcus aureus Bacterial Nitric-oxide Synthase Affects Antibiotic Sensitivity and Skin Abscess Development

<u>Methicillin-resistant Staphylococcus aureus bacterial nitric-oxide synthase</u> <u>affects antibiotic sensitivity and skin abscess development</u>

# Early impairment of gut function and gut flora supporting a role for alteration of gastrointestinal mucosa in human immunodeficiency virus pathogenesis

Early impairment of gut function and gut flora supporting a role for alteration of gastrointestinal mucosa in human immunodeficiency virus pathogenesis

Antibiotic resistance profiles and relatedness of enteric bacterial pathogens isolated from HIV/AIDS patients with and without diarrhoea and their household drinking water in rural communities in Limpopo Province South Africa Antibiotic resistance profiles and relatedness of enteric bacterial pathogens

isolated from HIV/AIDS

#### Effect of Trimethoprim-Sulfamethoxazole Prophylaxis on Antimicrobial Resistance of Fecal Escherichia coli in HIV-Infected Patients in Tanzania

[HTML] <u>Effect of trimethoprim-sulfamethoxazole prophylaxis on</u> <u>antimicrobial resistance of fecal Escherichia coli in HIV-infected patients in</u> Tanzania

### Antibiotic resistance among pathogens causing disease in Jamaican children with HIV/AIDS

[HTML] <u>Antibiotic resistance among pathogens causing disease in</u> Jamaican children with HIV/AIDS

## Frequency of Antibiotic Resistance among Group B *Streptococcus* Isolated from Healthy College Students

<u>Frequency of Antibiotic Resistance among Group B Streptococcus Isolated</u> <u>from Healthy College Students</u>

## Prevalence of Urinary Tract Infections among a cohort of HIV Positive Patients accessing care in a rural health centre in Nigeria

<u>Prevalence of Urinary Tract Infections among a cohort of HIV Positive</u>
Patients accessing care in a rural health centre in Nigeria

### Antibiotic resistance of *Gardnerella vaginalis* in recurrent bacterial vaginosis

[HTML] <u>Antibiotic resistance of Gardnerella vaginalis in recurrent bacterial vaginosis</u>

#### Prevalence and Mechanisms of Macrolide Resistance in Invasive and Noninvasive Group B Streptococcus Isolates from Ontario, Canada

<u>Prevalence and mechanisms of macrolide resistance in invasive and noninvasive group B streptococcus isolates from Ontario, Canada</u>

## Increasing Antimicrobial Resistance and the Management of Uncomplicated Community-Acquired Urinary Tract Infections

<u>Increasing antimicrobial resistance and the management of uncomplicated community-acquired urinary tract infections</u>

## Trends in Incidence and Antimicrobial Resistance of Early-Onset Sepsis: Population-Based Surveillance in San Francisco and Atlanta

<u>Trends in incidence and antimicrobial resistance of early-onset sepsis:</u>
<a href="mailto:population-based surveillance">population-based surveillance</a> in San Francisco and Atlanta

# Incomplete recovery and individualized responses of the human distal gut microbiota to repeated antibiotic perturbation

<u>Incomplete recovery and individualized responses of the human distal gut microbiota to repeated antibiotic perturbation</u>

## Antibiotic resistance among *Listeria*, including *Listeria monocytogenes*, in retail foods

[HTML] <u>Antibiotic resistance among Listeria, including Listeria monocytogenes, in retail foods</u>

## Antibiotic resistance in pathogens causing community-acquired urinary tract infections in India: a multicenter study

Antibiotic resistance in pathogens causing community-acquired urinary tract infections in India: a multicenter study

# Antibiotic Susceptibility and Mechanisms of Erythromycin Resistance in Clinical Isolates of Streptococcus agalactiae: French Multicenter Study

Antibiotic susceptibility and mechanisms of erythromycin resistance in clinical isolates of Streptococcus agalactiae: French multicenter study

# Resistance of group B streptococcus to selected antibiotics, including erythromycin and clindamycin

Resistance of group B streptococcus to selected antibiotics, including erythromycin and clindamycin

## Outwitting Evolution: Fighting Drug-Resistant TB, Malaria, and HIV

[HTML] Outwitting\_evolution: fighting drug-resistant TB, malaria, and HIV

### Antibiotic resistance shaping multi-level population biology of bacteria

[HTML] <u>Antibiotic resistance shaping multi-level population biology of</u> bacteria

## Antibiotic resistance in prevalent bacterial and protozoan sexually transmitted infections

[HTML] <u>Antibiotic resistance in prevalent bacterial and protozoan sexually</u> transmitted infections

### Antibiotics induce redox-related physiological alterations as part of their lethality

Antibiotics induce redox-related physiological alterations as part of their lethality

### Microbiological effects of sublethal levels of antibiotics

Microbiological effects of sublethal levels of antibiotics

## Fecal Bacterial Communities in treated HIV infected individuals on two antiretroviral regimens

[HTML] <u>Fecal Bacterial Communities in treated HIV infected individuals on two antiretroviral regimens</u>

#### **Bacterial Persister Cell Formation and Dormancy**

Bacterial persister cell formation and dormancy

## Unraveling the Physiological Complexities of Antibiotic Lethality

Unraveling the physiological complexities of antibiotic lethality

## Bactericidal Antibiotics Induce Toxic Metabolic Perturbations that Lead to Cellular Damage

[HTML] <u>Bactericidal antibiotics induce toxic metabolic perturbations that lead to cellular damage</u>

#### HEPATOTOXICITY INDUCED BY ANTIBIOTICS IN EXPERIMENTAL ANIMALS

[PDF] <u>Hepatotoxicity induced by antibiotics in experimental animals</u>

### Antibiotics induce redox-related physiological alterations as part of their lethality

Antibiotics induce redox-related physiological alterations as part of their lethality

#### Eradication of bacterial persisters with antibioticgenerated hydroxyl radicals

<u>Eradication of bacterial persisters with antibiotic-generated hydroxyl</u> radicals

## Bacterial Responses and Genome Instability Induced by Subinhibitory Concentrations of Antibiotics

[HTML] <u>Bacterial responses and genome instability induced by subinhibitory concentrations of antibiotics</u>

### Persistent bacterial infections, antibiotic tolerance, and the oxidative stress response

<u>Persistent bacterial infections, antibiotic tolerance, and the oxidative</u> stress response

# Epidemiology of Nontuberculous Mycobacterial Infections and Associated Chronic Macrolide Use among Persons with Cystic Fibrosis

Epidemiology of nontuberculous mycobacterial infections and associated chronic macrolide use among persons with cystic fibrosis

## Antimicrobial strategies centred around reactive oxygen

Species - bactericidal antibiotics, photodynamic therapy, and beyond

Antimicrobial strategies centered around reactive oxygen speciesbactericidal antibiotics, photodynamic therapy, and beyond

The role of the natural environment in the emergence of antibiotic resistance in Gramnegative bacteria

The role of the natural environment in the emergence of antibiotic resistance in Gram-negative bacteria

## Antibiotic resistance, antimicrobial residues and bacterial community composition in urban wastewater

Antibiotic resistance, antimicrobial residues and bacterial community composition
[PDF] ucp.pt

## High Rates of Antimicrobial Drug Resistance Gene Acquisition after International Travel, the Netherlands

[HTML] <u>High rates of antimicrobial drug resistance gene acquisition after</u> international travel, The Netherlands

Antibiotic resistance profiles and relatedness of enteric bacterial pathogens isolated from HIV/AIDS patients with and without diarrhoea and their household drinking water in rural communities in Limpopo Province South Africa

Antibiotic resistance profiles and relatedness of enteric bacterial pathogens isolated from HIV/AIDS

#### Effect of Trimethoprim-Sulfamethoxazole Prophylaxis on Antimicrobial Resistance of Fecal Escherichia coli in HIV-Infected Patients in Tanzania

[HTML] <u>Effect of trimethoprim-sulfamethoxazole prophylaxis on antimicrobial resistance of fecal Escherichia coli in HIV-infected patients in Tanzania</u>

#### Azithromycin resistance in Treponema pallidum

Azithromycin resistance in Treponema pallidum

Increasing Antimicrobial Resistance and the Management of Uncomplicated Community-Acquired Urinary Tract Infections <u>Increasing antimicrobial resistance and the management of uncomplicated</u> community-acquired urinary tract infections

#### Are children carrying the burden of broadspectrum antibiotics in general practice? Prescription pattern for paediatric outpatients with respiratory tract infections in Norway

Are children carrying the burden of broad-spectrum antibiotics in general practice? Prescription pattern for paediatric outpatients with respiratory tract infections in ...

# Macrolide Resistance and Azithromycin Failure in a Mycoplasma genitalium - Infected Cohort and Response of Azithromycin Failures to Alternative Antibiotic Regimens

[HTML] Macrolide Resistance and Azithromycin Failure in a Mycoplasma genitalium-Infected Cohort and Response of Azithromycin Failures to Alternative ...

### Antibiotic prescribing for adults in ambulatory care in the USA, 2007-09

[HTML] <u>Antibiotic prescribing for adults in ambulatory care in the USA, 2007–09</u>

# Turning the tide or riding the waves? Impacts of antibiotic stewardship and infection control on MRSA strain dynamics in a Scottish region over 16 years: non-linear time series analysis

Turning the tide or riding the waves? Impacts of antibiotic stewardship and infection control on MRSA strain dynamics in a Scottish region over 16 years: non-linear ...

# High levels of macrolide resistance-associated mutations in *Mycoplasma genitalium* warrant antibiotic susceptibility-guided treatment

[HTML] <u>High levels of macrolide resistance-associated mutations in</u> *Mycoplasma genitalium* warrant antibiotic susceptibility-guided treatment

#### Drug Resistance Mechanisms of Mycoplasma pneumoniae to Macrolide Antibiotics

Drug resistance mechanisms of Mycoplasma pneumoniae to macrolide

# High prevalence of antibiotic resistant Mycoplasma genitalium in non-gonococcal urethritis: the need for routine testing and the inadequacy of current treatment options

[HTML] <u>High Prevalence of Antibiotic-Resistant Mycoplasma genitalium in Nongonococcal Urethritis: The Need for Routine Testing and the Inadequacy</u>

## Intestinal microbiome is related to lifetime antibiotic use in Finnish pre-school children

[HTML] <u>Intestinal microbiome is related to lifetime antibiotic use in Finnish</u> pre-school children

### Diverse and abundant antibiotic resistance genes in Chinese swine farms

<u>Diverse and abundant antibiotic resistance genes in Chinese swine farms</u>

# Mycoplasma genitalium Prevalence, Coinfection, and Macrolide Antibiotic Resistance Frequency in a Multicenter Clinical Study Cohort in the United States

Mycoplasma genitalium prevalence, coinfection, and macrolide antibiotic resistance frequency in a multicenter clinical study cohort in the United States

# Correlation of tetracycline and sulfonamide antibiotics with corresponding resistance genes and resistant bacteria in a conventional municipal wastewater treatment plant

Correlation of tetracycline and sulfonamide antibiotics with corresponding

#### High prevalence of azithromycin resistance to

#### Treponema pallidum in geographically different areas in China

[HTML] <u>High prevalence of azithromycin resistance to Treponema pallidum in geographically different areas in China</u>

A comprehensive evaluation of antibiotics emission and fate in the river basins of China: Source analysis, multimedia modelling, and linkage to bacterial resistance

<u>Comprehensive evaluation of antibiotics emission and fate in the river</u> basins of

# Characteristics of hospitalized children infected with macrolide-resistant *Mycoplasma* pneumoniae

[HTML] <u>Characteristics of hospitalized children infected with macrolide-resistant Mycoplasma pneumoniae</u>

Effects of national antibiotic stewardship and infection control strategies on hospital-associated and community-associated meticillin-resistant *Staphylococcus aureus* infections across a region of Scotland: a non-linear time-series study

Effects of national antibiotic stewardship and infection control strategies on hospital-associated and community-associated meticillin-resistant

Staphylococcus aureus ...

### The Scourge of Antibiotic Resistance: The Important Role of the Environment

The scourge of antibiotic resistance: the important role of the environment

Antimicrobial resistance determinants in antibiotic and biocide-resistant gram-negative bacteria from organic foods

Antimicrobial resistance determinants in antibiotic and biocide-resistant gram-negative bacteria from organic foods

## Antibiotic use and abuse: A threat to mitochondria and chloroplasts with impact on research, health, and environment

[HTML] <u>Antibiotic use and abuse: A threat to mitochondria and chloroplasts</u> with impact on research, health, and environment

# Mechanisms of action of systemic antibiotics used in periodontal treatment and mechanisms of bacterial resistance to these drugs

http://www.scielo.br/scielo.php?pid=S1678-77572012000300002&script=sci\_arttext

## Azithromycin-Resistant Syphilis-Causing Strains in Sydney, Australia: Prevalence and Risk Factors

Azithromycin-resistant syphilis-causing strains in Sydney, Australia: prevalence and risk factors

# Chloramphenicol causes mitochondrial stress, decreases ATP biosynthesis, induces matrix metalloproteinase-13 expression, and solid-tumor cell invasion

<u>Chloramphenicol causes mitochondrial stress, decreases ATP biosynthesis, induces matrix metalloproteinase-13 expression, and solid-tumor cell invasion</u>

# Two Mutations associated with Macrolide Resistance in *Treponema pallidum*: Increasing Prevalence and Correlation with Molecular Strain Type in Seattle, Washington

[HTML] <u>Two mutations associated with macrolide resistance in Treponema pallidum: increasing prevalence and correlation with molecular strain type in Seattle ...</u>

#### Meta-Analysis of the Adverse Effects of Long-Term Azithromycin Use in Patients with Chronic Lung Diseases

Meta-analysis of the adverse effects of long-term azithromycin use in patients with chronic lung diseases

#### Prevalence and Macrolide Resistance of Mycoplasma genitalium in South African Women

<u>Prevalence and macrolide resistance of Mycoplasma genitalium in South</u>
African women

#### Molecular Detection of Antibiotic Resistance in South African Isolates of Helicobacter pylori

<u>Molecular detection of antibiotic resistance in South African isolates of Helicobacter pylori</u>

#### Antibiotic susceptibilities and resistance genes of *Ureaplasma parvum* isolated in South Africa

[HTML] <u>Antibiotic susceptibilities and resistance genes of *Ureaplasma* parvum isolated in South Africa</u>

#### Antibiotic Susceptibilities of Enterococcus Species Isolated from Hospital and Domestic Wastewater Effluents in Alice, Eastern Cape Province of South Africa

HTML] <u>Antibiotic susceptibilities of Enterococcus species isolated from hospital and domestic wastewater effluents in Alice, eastern Cape Province of South Africa</u>

# Antibiotic Susceptibility and Sequence Type Distribution of Ureaplasma Species Isolated from Genital Samples in Switzerland

Antibiotic susceptibility and sequence type distribution of Ureaplasma species isolated from genital samples in Switzerland

## Antibiotics usage in food producing animals in South Africa and impact on human: Antibiotic resistance

<u>Antibiotics usage in food-producing animals in South Africa and impact on</u> human: Antibiotic resistance

## Prevalence and drug resistance of mycobacteria in Turkish cystic fibrosis patients

[HTML] <u>Prevalence and drug resistance of mycobacteria in Turkish cystic fibrosis patients</u>

## Antimicrobial Resistance and Virulence: a Successful or Deleterious Association in the Bacterial World?

Antimicrobial resistance and virulence: a successful or deleterious association in the bacterial world?

#### Azithromycin Resistance Is Coevolving with Reduced Susceptibility to Cephalosporins in Neisseria gonorrhoeae in Ontario, Canada

Azithromycin resistance is coevolving with reduced susceptibility to cephalosporins in Neisseria gonorrhoeae in Ontario, Canada

## Immunomodulatory Role of Clarithromycin in Acinetobacter baumannii Infection via Formation of Neutrophil Extracellular Traps

<u>Immunomodulatory role of clarithromycin in Acinetobacter baumannii infection via formation of neutrophil extracellular traps</u>

#### Pathogen- and Host-Directed Anti-Inflammatory Activities of Macrolide Antibiotics

<u>Pathogen-and host-directed anti-inflammatory activities of macrolide</u> antibiotics

#### Nonantibiotic Effects of Fluoroquinolones in Mammalian Cells

Nonantibiotic effects of fluoroquinolones in mammalian cells

## Reduced Airway Surface pH Impairs Bacterial Killing in the Porcine Cystic Fibrosis Lung

Reduced airway surface pH impairs bacterial killing in the porcine cystic fibrosis lung

#### Carbapenem-resistant Enterobacteriaceae: a review of treatment and outcomes

<u>Carbapenem-resistant Enterobacteriaceae: a review of treatment and outcomes</u>

## Toxicity of macrolide antibiotics on isolated heart mitochondria: a justification for their cardiotoxic adverse effect

<u>Toxicity of macrolide antibiotics on isolated heart mitochondria: a</u> justification for their cardiotoxic adverse effect

# Linezolid Trough Concentrations Correlate with Mitochondrial Toxicity-Related Adverse Events in the Treatment of Chronic Extensively Drug-Resistant Tuberculosis

[HTML] <u>Linezolid trough concentrations correlate with mitochondrial</u> <u>toxicity-related adverse events in the treatment of chronic extensively drug-resistant tuberculosis</u>

# Fluoroquinolone-related neuropsychiatric and mitochondrial toxicity: a collaborative investigation by scientists and members of a social network.

Fluoroquinolone-related neuropsychiatric and mitochondrial toxicity: a collaborative investigation by scientists and members of a social network

# Linezolid, vancomycin and daptomycin modulate cytokine production, Toll-like receptors and phagocytosis in a human *in vitro* model of sepsis

<u>Linezolid, vancomycin and daptomycin modulate cytokine production, Toll-like receptors and phagocytosis in a human in vitro model of sepsis</u>

#### Impairment of innate immune killing mechanisms by bacteriostatic antibiotics

<u>Impairment of innate immune killing mechanisms by bacteriostatic antibiotics</u>

#### Mechanisms of action of newer antibiotics for Gram-positive pathogens

Mechanisms of action of newer antibiotics for Gram-positive pathogens

#### Concentration-dependent activity of antibiotics in natural environments

[HTML] <u>Concentration-dependent activity of antibiotics in natural</u> environments

#### Antibiotic resistance via the food chain: Fact or fiction?

[HTML] Antibiotic resistance via the food chain: Fact or fiction?

## Antibiotic resistance in the food chain: a developing country-perspective

[HTML] <u>Antibiotic resistance in the food chain: a developing country-perspective</u>

Antibiotics usage in food-producing animals in South Africa and impact on human: Antibiotic resistance

## Antibiotic Bactericidal Activity Is Countered by Maintaining pH Homeostasis in *Mycobacterium smegmatis*

[HTML] <u>Antibiotic bactericidal activity is countered by maintaining pH homeostasis in Mycobacterium smegmatis</u>

### Cell death from antibiotics without the involvement of reactive oxygen species

<u>Cell death from antibiotics without the involvement of reactive oxygen</u> species

### Molecular mechanisms of antimicrobial tolerance and resistance in bacterial and Fungal biofilms

<u>Molecular mechanisms of antimicrobial tolerance and resistance in</u> bacterial and fungal biofilms

## The role of the natural environment in the emergence of antibiotic resistance in Gramnegative bacteria

The role of the natural environment in the emergence of antibiotic resistance in Gram-negative bacteria

# Emergence of a new antibiotic resistance mechanism in India, Pakistan, and the UK: a molecular, biological, and epidemiological study

[HTML] <u>Emergence of a new antibiotic resistance mechanism in India,</u> Pakistan, and the UK: a molecular, biological, and epidemiological study

## Foundations of antibiotic resistance in bacterial physiology: the mycobacterial paradigm

Foundations of antibiotic resistance in bacterial physiology: the mycobacterial paradigm

#### Antibiotic resistance and its cost: is it possible to reverse resistance?

Antibiotic resistance and its cost: is it possible to reverse resistance?

## Mycobacterium abscessus: a new antibiotic nightmare

Mycobacterium abscessus: a new antibiotic nightmare

## Persistent bacterial infections, antibiotic tolerance, and the oxidative stress response

<u>Persistent bacterial infections, antibiotic tolerance, and the oxidative stress response</u>

#### Effector and memory T cell responses to commensal bacteria

Effector and memory T cell responses to commensal bacteria

## Effects of clindamycin and metronidazole on the intestinal colonization and translocation of enterococci in mice.

<u>Effects of clindamycin and metronidazole on the intestinal colonization and translocation of enterococci in mice.</u>

## The impact of intestinal inflammation on the nutritional environment of the gut microbiota

The impact of intestinal inflammation on the nutritional environment of the gut microbiota

# Effects of co-trimoxazole on microbial translocation in HIV-1-infected patients initiating antiretroviral therapy

Effects of co-trimoxazole on microbial translocation in HIV-1-infected patients initiating antiretroviral therapy

# Immune activation is associated with increased gut microbial translocation in treatment-naive, HIV-infected children in a resource-limited setting

[HTML] <u>Immune activation is associated with increased gut microbial translocation in treatment-naive, HIV-infected children in a resource-limited setting</u>

## High colonization rates of extended-spectrum β-lactamase (ESBL)-producing Escherichia coli in

#### Swiss Travellers to South Asia-a prospective observational ...

. HTML] High colonization rates of extended-spectrum β-lactamase (ESBL)-producing Escherichia coli in Swiss Travellers to South Asia-a prospective observational

#### Antibiotic susceptibility of mammalian mitochondrial translation

Antibiotic susceptibility of mammalian mitochondrial translation

## Antimicrobial resistance of abnormal vaginal discharges microorganisms in Ouagadougou, Burkina Faso

[HTML] <u>Antimicrobial resistance of abnormal vaginal discharges microorganisms in Ouagadougou, Burkina Faso</u>

### Role of reactive oxygen species in antibiotic action and resistance

Role of reactive oxygen species in antibiotic action and resistance

# The common enteric bacterial pathogens and their antimicrobial susceptibility pattern among HIV-infected individuals attending the antiretroviral therapy clinic ...

[HTML] The common enteric bacterial pathogens and their antimicrobial susceptibility pattern among HIV-infected individuals attending the antiretroviral therapy clinic ...

#### **Antibiotic resistance in Chlamydiae**

Antibiotic resistance in Chlamydiae

# Increased frequency of regulatory T cells and T lymphocyte activation in persons with previously treated extrapulmonary tuberculosis

<u>Increased frequency of regulatory T cells and T lymphocyte activation in persons with previously treated extrapulmonary tuberculosis</u>

# Effect of trimethoprim-sulphamethoxazole on the risk of malaria in HIV-infected Ugandan children living in an area of widespread antifolate resistance

[HTML] <u>Effect of trimethoprim-sulphamethoxazole on the risk of malaria in HIV-infected Ugandan children living in an area of widespread antifolate resistance</u>

#### Balancing individual benefit against public health risk: the impact of cotrimoxazole prophylaxis in HIV-infected patients on antimicrobial resistance

Balancing individual benefit against public health risk: the impact of cotrimoxazole prophylaxis in HIV-infected patients on antimicrobial resistance

# Azithromycin blocks autophagy and may predispose cystic fibrosis patients to mycobacterial infection

[HTML] <u>Azithromycin blocks autophagy and may predispose cystic fibrosis patients to mycobacterial infection</u>

#### Multiple Mutations Modulate the Function of Dihydrofolate Reductase in Trimethoprim-Resistant Streptococcus pneumoniae

<u>Multiple Mutations Modulate the Function of Dihydrofolate Reductase in Trimethoprim-ResistantStreptococcus pneumoniae</u>

# Antibiotic resistant bacteria/genes dissemination in lacustrine sediments highly increased following cultural eutrophication of Lake Geneva (Switzerland)

Antibiotic resistant bacteria/genes dissemination in lacustrine sediments highly increased following cultural eutrophication of Lake Geneva (Switzerland)

#### Intestinal epithelial cells: regulators of barrier function and immune homeostasis

Intestinal epithelial cells: regulators of barrier function and immune homeostasis

# T-cells, Th17 cells Invariant T-cells (Inkt) and Mucosa associated invariant T-cells (MAIT)

Mucosal associated invariant T cells: a new player in antibacterial immunity

[PDF] <u>Mucosal-associated invariant T-cells: new players in anti-bacterial immunity</u>

# Specific microbiota direct the differentiation of IL-17-producing T-helper cells in the mucosa of the small intestine

[HTML] <u>Specific microbiota direct the differentiation of IL-17-producing Thelper cells in the mucosa of the small intestine</u>

## HIV nonprogressors preferentially maintain highly functional HIV-specific CD8<sup>+</sup> T cells

[HTML] <u>HIV nonprogressors preferentially maintain highly functional HIV-specific CD8+ T cells</u>

#### Th17, gut, and HIV: therapeutic implications

[HTML] Th17, gut, and HIV: therapeutic implications

## Th17 and regulatory T cells: implications for AIDS pathogenesis

[HTML] Th17 and regulatory T cells: implications for AIDS pathogenesis

#### Stress-associated reductions of cytotoxic T lymphocytes and natural killer cells in asymptomatic HIV infection

[PDF] <u>Stress-associated reductions of cytotoxic T lymphocytes and natural killer</u> cells in asymptomatic HIV infection

## Glutathione levels in antigen-presenting cells modulate Th1 versus Th2 response patterns

<u>Glutathione levels in antigen-presenting cells modulate Th1 versus Th2 response patterns</u>

## Association of progressive CD4+ T cell decline in SIV infection with the induction of autoreactive antibodies

[HTML] <u>Association of progressive CD4+ T cell decline in SIV infection with the induction of autoreactive antibodies</u>

## Commensal-induced regulatory T cells mediate protection against pathogen-stimulated NF-kB activation

[HTML] <u>Commensal-induced regulatory T cells mediate protection against</u> pathogen-stimulated NF-kB activation

#### Mucosa-Associated Invariant T Cells Are Systemically Depleted in Simian Immunodeficiency Virus-Infected Rhesus Macaques

<u>Mucosa-Associated Invariant T Cells Are Systemically Depleted in Simian Immunodeficiency Virus-Infected Rhesus Macaques</u>

# MAIT cells reside in the female genital mucosa and are biased towards IL-17 and IL-22 production in response to bacterial stimulation

HTML] MAIT cells reside in the female genital mucosa and are biased towards IL-17 and IL-22 production in response to bacterial stimulation

#### MAIT cells and microbial immunity

MAIT cells and microbial immunity

#### **MAIT** cells and Viruses

MAIT cells and Viruses

#### Functional role of mucosal-associated invariant T cells in HIV infection

Functional role of mucosal-associated invariant T cells in HIV infection

# Mucosal-associated invariant T cells in the human gastric mucosa and blood: role in Helicobacter pylori infection

[HTML] <u>Mucosal-associated invariant T cells in the human gastric mucosa</u> and blood: role in Helicobacter pylori infection

#### Activation, exhaustion, and persistent decline of the antimicrobial MR1-restricted MAIT-cell population in chronic HIV-1 infection

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#### Activation and function of iNKT and MAIT cells

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## MAIT cells are critical for optimal mucosal immune responses during in vivo pulmonary bacterial infection

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### Human mucosal associated invariant T cells detect bacterially infected cells

[HTML] <u>Human mucosal associated invariant T cells detect bacterially</u> infected cells

## Low levels of peripheral CD161++ CD8+ mucosal associated invariant T (MAIT) cells are found in HIV and HIV/TB co-infection

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### Human mucosal associated invariant T cells detect bacterially infected cells

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### MAIT cells are depleted early but retain functional cytokine expression in HIV infection

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### Metabolic control of regulatory T cell development and function

Metabolic control of regulatory T cell development and function

#### MAIT cells: new guardians of the liver

[HTML] MAIT cells: new guardians of the liver

## Frequencies of circulating MAIT cells are diminished in chronic HCV, HIV and HCV/HIV coinfection and do not recover during therapy

[HTML] <u>Frequencies of circulating MAIT cells are diminished in chronic HCV, HIV</u> and HCV/HIV co-infection and do not recover during therapy

# Increased tryptophan catabolism is associated with increased frequency of CD161+ Tc17/MAIT cells and lower CD4+ T-cell count in HIV-1 infected patients on cART ...

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# HIV-infected children have lower frequencies of CD8+ mucosal-associated invariant T (MAIT) cells that correlate with innate, Th17 and Th22 cell subsets

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### Mucosal associated invariant T cells: a new player in antibacterial immunity

[HTML] <u>Mucosal-associated invariant T-cells: new players in anti-bacterial</u> immunity

## Nonreversible MAIT cell-dysfunction in chronic hepatitis C virus infection despite successful interferon-free therapy

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#### Will loss of your MAITs weaken your HAART?

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#### Activation and function of iNKT and MAIT cells

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### Early and nonreversible decrease of CD161++/MAIT cells in HIV infection

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## Nonreversible MAIT cell-dysfunction in chronic hepatitis C virus infection despite successful interferon-free therapy

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#### MAIT cells: new guardians of the liver

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## Gut barrier structure, mucosal immunity and intestinal microbiota in the pathogenesis and treatment of HIV infection

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### The role of mucosal-associated invariant T cells in infectious diseases

[HTML] <u>The role of mucosal-associated invariant T cells in infectious</u> diseases

## CD161+ MAIT cells are severely reduced in peripheral blood and lymph nodes of HIV-infected individuals independently of disease progression

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### Functional role of mucosal-associated invariant T cells in HIV infection

Functional role of mucosal-associated invariant T cells in HIV infection

#### Mucosal associated invariant T cells: a new player in antibacterial immunity

[HTML] <u>Mucosal-associated invariant T-cells: new players in anti-bacterial</u> immunity

## Gut dendritic cell activation links an altered colonic microbiome to mucosal and systemic T-cell activation in untreated HIV-1 infection

<u>Gut dendritic cell activation links an altered colonic microbiome to</u> mucosal and systemic T-cell activation in untreated HIV-1 infection

#### Innate Lymphoid Cells in HIV/SIV Infections

[HTML] Innate Lymphoid Cells in HIV/SIV Infections

## MAIT cells reside in the female genital mucosa and are biased towards IL-17 and IL-22 production in response to bacterial stimulation

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#### Mucosa-Associated Invariant T Cells Are Systemically Depleted in Simian Immunodeficiency Virus-Infected Rhesus Macaques

<u>Mucosa-Associated Invariant T Cells Are Systemically Depleted in Simian</u> Immunodeficiency Virus-Infected Rhesus Macagues

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## IL-17 Production from T helper 17, Mucosal-associated invariant T, and $\gamma\delta$ cells in Tuberculosis infection and Disease

[HTML] <u>il-17 Production from T helper 17, Mucosal-associated invariant T, and γδ</u> cells in Tuberculosis infection and Disease

#### Mucosal associated invariant T cells: a new player in antibacterial immunity

[PDF] <u>Mucosal-associated invariant T-cells: new players in anti-bacterial immunity</u>

# Cutting edge: experimentally induced immune activation in natural hosts of simian immunodeficiency virus induces significant increases in viral replication and CD4+ ...

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## Modulation of apoptosis and viral latency-an axis to be well understood for successful cure of human immunodeficiency virus

[HTML] <u>Modulation of apoptosis and viral latency-an axis to be well</u> understood for successful cure of human immunodeficiency virus

### The role of mucosal associated invariant T cells in antimicrobial immunity

[HTML] <u>The role of mucosal associated invariant T cells in antimicrobial immunity</u>

## Understanding Immune Senescence, Exhaustion, and Immune Activation in HIV-Tuberculosis Coinfection

[PDF] <u>Understanding Immune Senescence, Exhaustion, and Immune</u> Activation in HIV-Tuberculosis Coinfection

### Early and nonreversible decrease of CD161++/MAIT cells in HIV infection

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# CD8+/CD161++ mucosal-associated invariant T-cell levels in the colon are restored on Isong-term antiretroviral therapy and correlate with CD8+ T-cell immune ...

CD8+/CD161++ mucosal-associated invariant T-cell levels in the colon are restored on Isong-term antiretroviral therapy and correlate with CD8+ T-cell immune ...

### Glucose metabolism regulates T cell activation, differentiation, and functions

[HTML] <u>Glucose metabolism regulates T cell activation, differentiation, and functions</u>

## Gut dendritic cell activation links an altered colonic microbiome to mucosal and systemic T-cell activation in untreated HIV-1 infection

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### Metabolic control of regulatory T cell development and function

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#### **Dendritic cell metabolism**

Dendritic cell metabolism

## Vitamin D Synthase and Vitamin D Receptors

Vitamin D Inhibits Human Immunodeficiency Virus Type 1 and Mycobacterium tuberculosis Infection in Macrophages through the Induction of Autophagy

HTML] <u>Vitamin D inhibits human immunodeficiency virus type 1 and Mycobacterium tuberculosis infection in macrophages through the induction of autophagy</u>

## High-dose vitamin D₃ reduces deficiency caused by low UVB exposure and limits HIV-1 replication in urban Southern Africans

<u>High-dose vitamin D3 reduces deficiency caused by low UVB exposure and limits HIV-1 replication in urban Southern Africans</u>

### Vitamin D3 enhances bactericidal activity of macrophage against Pseudomonas aeruginosa

<u>Vitamin D3 enhances bactericidal activity of macrophage against</u> <u>Pseudomonas aeruginosa</u>

## Active vitamin D potentiates the anti-neoplastic effects of calcium in the colon: A cross talk through the calcium-sensing receptor

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#### Vitamin D for Health: A Global Perspective

Vitamin D for health: a global perspective

#### **Vitamin D and Immune Function**

[HTML] Vitamin D and immune function

## The possible roles of vitamin D and curcumin in treating gonorrhoea

The possible roles of vitamin D and curcumin in treating gonorrhea

### Vitamin D, immune regulation, the microbiota, and inflammatory bowel disease

<u>Vitamin D, immune regulation, the microbiota, and inflammatory bowel disease</u>

#### Vitamin D Inhibits Human Immunodeficiency Virus Type 1 and Mycobacterium tuberculosis Infection in Macrophages through the Induction of Autophagy

[HTML] <u>Vitamin D inhibits human immunodeficiency virus type 1 and Mycobacterium tuberculosis infection in macrophages through the induction of autophagy</u>

### Vitamin D and solar ultraviolet radiation in the risk and treatment of tuberculosis

Vitamin D and solar ultraviolet radiation in the risk and treatment of tuberculosis

#### The vitamin D receptor and T cell function

[HTML] The vitamin d receptor and T cell function

### The impact of vitamin D on infectious disease: a systematic review of controlled trials

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4346469/pdf/nihms-624778.pdf

## Vitamin D regulation of immune function in the gut: Why do T cells have vitamin D receptors?

<u>Vitamin D regulation of immune function in the gut: why do T cells have vitamin D receptors?</u>

### Vitamin D and immune function: Autocrine, paracrine or endocrine?

Vitamin D and immune function: autocrine, paracrine or endocrine?

#### Vitamin D₃ Supplementation and Antibiotic Consumption - Results from a Prospective, Observational Study at an Immune-Deficiency Unit in Sweden

[HTML] <u>Vitamin D3 Supplementation and Antibiotic Consumption–Results</u> <u>from a Prospective, Observational Study at an Immune-Deficiency Unit in Sweden</u>

## Lack of Vitamin D Receptor Causes Dysbiosis and Changes the Functions of the Murine Intestinal Microbiome

Lack of vitamin D receptor causes dysbiosis and changes the functions of the murine intestinal microbiome

## The potential role of vitamin D for prevention and treatment

of tuberculosis and infectious diseases

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### Influence of drugs on vitamin D and calcium metabolism

Influence of drugs on vitamin D and calcium metabolism

### Microbial and dietary factors modulating intestinal regulatory T cell homeostasis

[HTML] <u>Microbial and dietary factors modulating intestinal regulatory T cell homeostasis</u>

## Vitamin D Status in Children with Cystic Fibrosis. Associations with Inflammation and Bacterial Colonization

<u>Vitamin D status in children with cystic fibrosis. Associations with inflammation and bacterial colonization</u>

#### Vitamin Deficiency and Tuberculosis: Need for Urgent Clinical Trial for Managment of Tuberculosis

Effector and memory T cell responses to commensal bacteria

## Anti-Inflammatory and Antimicrobial Actions of Vitamin D in Combating TB/HIV

Anti-inflammatory and antimicrobial actions of vitamin D in combating TB/HIV

### Vitamin D Deficiency: "At Risk" Patient Populations and Potential Drug Interactions

<u>Vitamin D Deficiency:" At Risk" Patient Populations and Potential Drug</u> Interactions

# Dysbiosis caused by vitamin D receptor deficiency confers colonization resistance to Citrobacter rodentium through modulation of innate lymphoid cells

<u>Dysbiosis caused by vitamin D receptor deficiency confers colonization resistance to Citrobacter rodentium through modulation of innate lymphoid cells</u>

### Vitamin D and Prolonged Treatment with Photosensitivity-Associated Antibiotics

<u>Vitamin D and prolonged treatment with photosensitivity-associated</u> antibiotics

#### The Role of Vitamin D in Autoimmune Hepatitis

[HTML] The role of vitamin D in autoimmune hepatitis

## Early life permethrin exposure leads to hypervitaminosis D, nitric oxide and catecholamines impairment

<u>Early life permethrin exposure leads to hypervitaminosis D, nitric oxide and</u>

#### The vitamin D receptor and T cell function

[HTML] The vitamin d receptor and T cell function

#### Vitamin D immunoregulation through dendritic cells

[HTML] Vitamin D immunoregulation through dendritic cells

## Heavy Metals, Toxins, Pesticides and Malnutrition

## Fish consumption and breast milk PCB concentrations among Mohawk women at Akwesasne

<u>Fish consumption and breast milk PCB concentrations among Mohawk women at Akwesasne</u>

The syndemic of AIDS and STDS among MSM

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HIV, Cardiovascular Diseases, and Chronic Arsenic Exposure co-exist in a Positive Synergy

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#### Mechanisms of Nanoparticle-Induced Oxidative Stress and Toxicity

Mechanisms of nanoparticle-induced oxidative stress and toxicity

## The Impact of Micronutrient Deficiencies in Agricultural Soils and Crops on the Nutritional Health of Humans

The Impact of Micronutrient Deficiencies in The Impact of Micronutrient Deficiencies in Agricultural Soils and Crops on the Nutritional Health of Humans

## Toxic metals and oxidative stress part I: mechanisms involved in metal-induced oxidative damage

<u>Toxic metals and oxidative stress part I: mechanisms involved in metal-induced oxidative damage</u>

### HAZARDOUS METALS AND MINERALS POLLUTION IN INDIA: SOURCES, TOXICITY AND MANAGEMENT

[PDF] <u>Hazardous Metals and Minerals Pollution in India: Sources, Toxicity and Management</u>

### 'ASIA'-autoimmune/inflammatory syndrome induced by adjuvants

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### Persistent organochlorinated pesticides and mechanisms of their toxicity

Persistent organochlorinated pesticides and mechanisms of their toxicity

A Study of Heavy Metal Pollution in China: Current Status, Pollution-Control Policies and Countermeasures [HTML] <u>A study of heavy metal pollution in China: Current status, pollution-</u>control policies and countermeasures

#### Harmful Interactions of Non-Essential Heavy Metals with Cells of the Innate Immune System

<u>Harmful interactions of non-essential heavy metals with cells of the innate immune system</u>

# EFFECTS OF ENVIRONMENTAL LEAD CONTAMINATION ON CATTLE IN A LEAD/ZINC MINING AREA: CHANGES IN CATTLE IMMUNE SYSTEMS ON EXPOSURE TO LEAD IN VIVO AND IN VITRO

Effects of environmental lead contamination on cattle in a lead/zinc mining area: changes in cattle immune systems on exposure to lead in vivo and in vitro

### Ecotoxicology inside the gut: impact of heavy metals on the mouse microbiome

[PDF] <u>Ecotoxicology inside the gut: impact of heavy metals on the mouse</u> microbiome

# Lead tolerance capacity of clinical bacterial isolates and change in their antibiotic susceptibility pattern after exposure to a heavy metal

<u>Lead tolerance capacity of clinical bacterial isolates and change in their antibiotic susceptibility pattern after exposure to a heavy metal</u>

### Tight Junction Proteins and Oxidative Stress in Heavy Metals-Induced Nephrotoxicity

<u>Tight junction proteins and oxidative stress in heavy metals-induced</u> <u>nephrotoxicity</u>

#### Biomedical Implications of Heavy Metals Induced Imbalances in Redox Systems

<u>Biomedical implications of heavy metals induced imbalances in redox systems</u>

## Effect of Ampicillin, Streptomycin, Penicillin and Tetracycline on Metal Resistant and Non-Resistant Staphylococcus aureus

[HTML] <u>Effect of ampicillin, streptomycin, penicillin and tetracycline on</u> metal resistant and non-resistant Staphylococcus aureus

#### **Aluminum Vaccine Adjuvants: Are they Safe?**

Aluminum vaccine adjuvants: are they safe?

## Adjuvant modulation of the cytokine balance in Mycobacterium tuberculosis subunit vaccines; immunity, pathology and protection

[HTML] <u>Adjuvant modulation of the cytokine balance in Mycobacterium tuberculosis subunit vaccines; immunity, pathology and protection</u>

## Aluminum and copper in drinking water enhance inflammatory or oxidative events specifically in the brain

<u>Aluminum and copper in drinking water enhance inflammatory or oxidative events specifically in the brain</u>

## Aluminum and Glyphosate Can Synergistically Induce Pineal Gland Pathology: Connection to Gut Dysbiosis and Neurological Disease

Aluminum and glyphosate can synergistically induce pineal gland pathology: connection to gut dysbiosis and neurological disease

## Aluminum-induced entropy in biological systems: implications for neurological disease

Aluminum-induced entropy in biological systems: implications for neurological disease

# Low Mercury Concentration Produces Vasoconstriction, Decreases Nitric Oxide Bioavailability and Increases Oxidative Stress in Rat Conductance Artery

[HTML] <u>Low mercury concentration produces vasoconstriction, decreases nitric oxide bioavailability and increases oxidative stress in rat conductance artery</u>

#### **Recent Advances in Mercury Research**

[HTML] Recent advances in mercury research

### Effects of the metals on dihydropteridine reductase activity

Effects of the metals on dihydropteridine reductase activity

#### Toxic metals and oxidative stress

<u>Toxic metals and oxidative stress part I: mechanisms involved in metal-induced oxidative damage</u>

#### Alterations in Energy/Redox Metabolism Induced by Mitochondrial and Environmental Toxins: A Specific Role for Glucose-6-Phosphate-Dehydrogenase and the Pentose Phosphate Pathway in Paraquat Toxicity

Alterations in energy/redox metabolism induced by mitochondrial and environmental toxins: a specific role for glucose-6-phosphate-dehydrogenase and the pentose ...

## Particulate matter Air Pollution induces hypermethylation of the p16 promoter Via a mitochondrial ROS-JNK-DNMT1 pathway

[HTML] <u>Particulate matter air pollution induces hypermethylation of the p16 promoter via a mitochondrial ROS-JNK-DNMT1 pathway</u>

#### Mechanisms of Nanoparticle-Induced Oxidative Stress and Toxicity

Mechanisms of nanoparticle-induced oxidative stress and toxicity

#### Current levels of Heavy Metal Pollution in Africa

Current levels of heavy metal pollution in Africa

#### Glyphosate, pathways to modern diseases II: Celiac sprue and gluten intolerance

[HTML] <u>Glyphosate</u>, <u>pathways to modern diseases II: Celiac sprue and gluten intolerance</u>

### The role of environmental estrogens and autoimmunity

The role of environmental estrogens and autoimmunity

### Impact of Endocrine Disruptions on Man: The likely Causes and Effects

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#### Nutrition and HIV Infection/AIDS in Sub-Saharan Africa

Nutrition and HIV infection/AIDS in Sub-Saharan Africa

#### HIV/AIDS, undernutrition, and food insecurity

HIV/AIDS, undernutrition, and food insecurity

#### **Nutrition and immune function: overview**

Nutrition and immune function: overview

#### Immune Dysfunction as a Cause and Consequence of Malnutrition

[HTML] Immune dysfunction as a cause and consequence of malnutrition

## Tryptophan depletion in context of the inflammatory and general nutritional status of a low-income South African HIV-infected population

HTML] <u>Tryptophan depletion in context of the inflammatory and general nutritional status of a low-income South African HIV-infected population</u>

The impact of food assistance on weight gain and disease progression among HIV-infected individuals accessing AIDS care and treatment services in ...

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Nutritional status of persons with HIV infection, persons with HIV infection and tuberculosis, and HIV-negative individuals from southern India

Nutritional status of persons with HIV infection, persons with HIV infection and tuberculosis, and HIV-negative individuals from southern India

## The AIDS defining Infections and conditions

#### Infections in AIDS

Infections in AIDS.

#### Current concepts in bacterial sexually transmitted diseases

[HTML] Current concepts in bacterial sexually transmitted diseases

## High incidence of new sexually transmitted infections in the year following a sexually transmitted infection: a case for rescreening

<u>High incidence of new sexually transmitted infections in the year following</u> a sexually transmitted infection: a case for rescreening

## Heterosexual transmission of human immunodeficiency virus (HIV) in northern California: results from a ten-year study

Heterosexual transmission of human immunodeficiency virus (HIV) in northern California: results from a ten-year study

## Pneumocystis carinii: oxygen uptake, antioxidant enzymes, and susceptibility to oxygen-mediated damage.

<u>Pneumocystis carinii: oxygen uptake, antioxidant enzymes, and susceptibility to oxygen-mediated damage.</u>

### HSV-2 infection of dendritic cells amplifies a highly susceptible HIV-1 cell target

[HTML] <u>HSV-2 infection of dendritic cells amplifies a highly susceptible HIV-1 cell target</u>

## Low serum vitamin B-12 concentrations are associated with faster human immunodeficiency virus type 1 (HIV-1) disease progression

Low serum vitamin B-12 concentrations are associated with faster human immunodeficiency virus type 1 (HIV-1) disease progression

# The human immunodeficiency virus type 1 long terminal repeat is activated by monofunctional and bifunctional DNA alkylating agents in human lymphocytes

The human immunodeficiency virus type 1 long terminal repeat is activated by monofunctional and bifunctional DNA alkylating agents in human lymphocytes

## Impact of the 1987 Revision of the Case Definition of Acquired Immune Deficiency Syndrome in the United States

https://journals.lww.com/jaids/Abstract/1990/01000/ Impact of the 1987 Revision of the Case Definition.12.aspx

# ... Cell Responses to Coinfecting Viral and Bacterial Pathogens in the Genital Tract Can Activate the HIV-1 LTR in an NFkB-and AP-1-Dependent Manner

[HTML] ... Cell Responses to Coinfecting Viral and Bacterial Pathogens in the Genital Tract Can Activate the HIV-1 LTR in an NFκB-and AP-1–Dependent Manner

#### Cutting edge: in vivo induction of integrated HIV-1 expression by mycobacteria is critically dependent on Toll-like receptor 2

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### Effect of treating co-infections on HIV-1 viral load: a systematic review

Effect of treating co-infections on HIV-1 viral load: a systematic review

#### Lipid-associated membrane proteins of Mycoplasma fermentans and M. penetrans activate human immunodeficiency virus longterminal repeats through Toll-like ...

<u>Lipid-associated membrane proteins of *Mycoplasma fermentans* and *M. penetrans* activate human immunodeficiency virus long-terminal repeats through Toll-like ...</u>

### Sexually transmitted infections in HIV-infected people in Switzerland: cross-sectional study

[HTML] <u>Sexually transmitted infections in HIV-infected people in Switzerland: cross-sectional study</u>

## <u>Cross-sectional study of genital, rectal, and pharyngeal Chlamydia and gonorrhea in women in rural South Africa</u>

<u>Cross-sectional study of genital, rectal, and pharyngeal Chlamydia and gonorrhea in women in rural South Africa</u>

#### Multiplex real-time PCR assay with highresolution melting analysis for characterization of antimicrobial resistance in Neisseria gonorrhoeae

<u>Multiplex real-time PCR assay with high-resolution melting analysis for characterization of antimicrobial resistance in Neisseria gonorrhoeae</u>

## Immune Activation Is Present in HIV-1-Exposed Seronegative Individuals and Is Independent of Microbial Translocation

Immune Activation Is Present in HIV-1-Exposed Seronegative Individuals and Is Independent of Microbial Translocation

## Impact of Bacterial Genetics on the Transmission of Isoniazid-Resistant Mycobacterium tuberculosis

http://journals.plos.org/plospathogens/article?id=10.1371/journal.ppat.0020061

## Association of genital human papillomavirus infection with HIV acquisition: a systematic review and meta-analysis

http://sti.bmj.com/content/early/2013/06/11/sextrans-2011-050346.full.pdf+html

### High Risk for HIV Following Syphilis Diagnosis Among Men in Florida, 2000-2011

http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3904896/pdf/phr129000164.pdf

### Use of PCR in the diagnosis of early syphilis in the United Kingdom

http://sti.bmj.com/content/79/6/479.full.html

High HIV, HPV, and STI prevalence among young Western Cape, South African women: EVRI HIV prevention preparedness trial

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### Burden and Predictors of HIV /Hepatitis B Co-infection in Rural Uganda

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# Epidemiology of human herpesvirus type 8 and parvovirus B19 infections and their association with HIV-1 among men who have sex with men and injection drug users in Taiwan

Epidemiology of human herpesvirus type 8 and parvovirus B19 infections and their association with HIV-1 among men who have sex with men and injection ...

## Changes in Plasma Human Immunodeficiency Virus Type 1 RNA Associated with Herpes Simplex Virus Reactivation and Suppression

<u>Changes in plasma human immunodeficiency virus type 1 RNA associated with herpes simplex virus reactivation and suppression</u>

### HBV/HIV co-infection: The dynamics of HBV in South African patients with AIDS

[HTML] <u>HBV/HIV co-infection: the dynamics of HBV in South African patients with AIDS</u>

### HIV Through the Looking Glass: Insights Derived From Hepatitis B

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## HIV and viral hepatitis co-infection in New York City, 2000-2010: prevalence and case characteristics

HIV and viral hepatitis co-infection in New York City, 2000–2010: prevalence and case characteristics

## GB Virus C/Hepatitis G Virus Infection: A Favorable Prognostic Factor in Human Immunodeficiency Virus - Infected Patients?

GB virus C/hepatitis G virus infection: a favorable prognostic factor in human immunodeficiency virus-infected patients?

## Occult hepatitis B virus infection in ART-naive HIV-infected patients seen at a tertiary care centre in north India

[PDF] <u>Occult hepatitis B virus infection in ART-naive HIV-infected patients</u> seen at a tertiary care centre in north India

### Hepatitis B virus and HIV infections among patients in Mulago hospital

Hepatitis B virus and HIV infections among patients in Mulago hospital

## Differences in the incidence of hepatitis B and human immunodeficiency virus infections among injecting drug users

<u>Differences in the incidence of hepatitis B and human immunodeficiency virus infections among injecting drug users</u>

#### Recent Hepatitis C Virus Infections in HIV-Infected Patients in Taiwan: Incidence and Risk Factors

Recent hepatitis C virus infections in HIV-infected patients in Taiwan: incidence and risk factors

# Associated factors with and genotypes of Chlamydia trachomatis infection among clients seeking voluntary counselling and testing for HIV infection in Taiwan

HTML] <u>Associated factors with and genotypes of *Chlamydia trachomatis* infection among clients seeking voluntary counseling and testing for HIV infection ...</u>

#### Hepatitis B Virus (HBV) Coinfection Accelerates Immunologic Progression in Patients With Primary HIV Infection in an Area of Hyperendemicity for HBV Infection

<u>Hepatitis B and C virus coinfection in the TREAT Asia HIV observational</u> database

### Sexually transmitted diseases and HIV-1 infection among homosexual men in England and Wales.

<u>Sexually transmitted diseases and HIV-1 infection among homosexual menin England and Wales.</u>

# Seroincidence of HIV and prevalence of transmitted drug resistance of HIV-1 strains among persons seeking voluntary counselling and testing in Taiwan

Seroincidence of HIV and prevalence of transmitted drug resistance of HIV-1 strains among persons seeking voluntary counselling and testing in Taiwan

# Seroprevalence of Hepatitis B Virus among Adults at High Risk for HIV Transmission Two Decades after Implementation of Nationwide Hepatitis B Virus Vaccination Program in Taiwan

[HTML] <u>Seroprevalence of hepatitis B virus among adults at high risk for HIV transmission two decades after implementation of nationwide hepatitis B virus ...</u>

#### National Trend and Characteristics of Acute Hepatitis C among HIV-Infected Individuals: A Matched Case-Control Study—Taiwan, 2001-2014

[HTML] <u>National Trend and Characteristics of Acute Hepatitis C among HIV-Infected Individuals: A Matched Case-Control Study—Taiwan, 2001–2014</u>

### Comorbidities among the HIV-Infected Patients Aged 40 Years or Older in Taiwan

[HTML] <u>Comorbidities among the HIV-infected patients aged 40 years or</u> older in Taiwan

#### Sexually acquired hepatitis C virus infection: A review

HTML] Sexually acquired hepatitis C virus infection: a review

# Unexpectedly high prevalence of *Treponema* pallidum infection in the oral cavity of human immunodeficiency virus-infected patients with early syphilis who had engaged in unprotected sex practices

[HTML] <u>Unexpectedly high prevalence of *Treponema pallidum* infection in the oral cavity of human immunodeficiency virus-infected patients with early ...</u>

### High and Persistent HIV Seroincidence in Men Who Have Sex with Men across 47 U.S. Cities

[HTML] <u>High and persistent HIV seroincidence in men who have sex with</u> men across 47 US cities

## Mucosal co-infections and HIV-1 transmission and pathogenesis

Editorial (Mucosal Co-Infections and HIV-1 Transmission and Pathogenesis)

### Immune response and immunopathology during toxoplasmosis

Immune response and immunopathology during toxoplasmosis

Human papillomavirus-associated anal and cervical cancers in HIV-infected individuals: incidence and prevention in the antiretroviral therapy era.

Human papillomavirus-associated anal and cervical cancers in HIV-infected individuals: incidence and prevention in the antiretroviral therapy era.

### Interplay between Kaposi's sarcoma-associated herpesvirus and the innate immune system

<u>Interplay between Kaposi's sarcoma-associated herpesvirus and the innate immune system</u>

# Short Report: Simultaneous Detection of Seven Sexually Transmitted Agents in Human Immunodeficiency Virus Infected Brazilian Women by Multiplex Polymerase Chain Reaction

Simultaneous detection of seven sexually transmitted agents in human immunodeficiency virus-infected Brazilian women by multiplex polymerase chain reaction

## Aetiology of sexually transmitted infections and response to syndromic treatment in southwest Uganda

<u>Aetiology of sexually transmitted infections and response to syndromic treatment in southwest Uganda</u>

# Increasing prevalence of genital herpes in developing countries: implications for heterosexual HIV transmission and STI control Programmes

Increasing prevalence of genital herpes in developing countries: implications for heterosexual HIV transmission and STI control programmes.

### High rates of syphilis among STI patients are contributing to the spread of HIV-1 in India

<u>High rates of syphilis among STI patients are contributing to the spread of</u> HIV-1 in India

## Circumcision status and incident herpes simplex virus type 2 infection, genital ulcer disease, and HIV infection

[HTML] <u>Circumcision status and incident herpes simplex virus type 2</u> <u>infection, genital ulcer disease, and HIV infection</u>

## Community-Based HIV-1 Early Diagnosis and Risk Behavior Analysis of Men Having Sex with Men in Hong Kong

[HTML] <u>Community-based HIV-1 early diagnosis and risk behavior analysis of men having sex with men in Hong Kong</u>

#### A systematic review of the population prevalence of HIV and STD co-infection

A systematic review of the population prevalence of HIV and STD coinfection

# Identification of Episomal Human Papillomavirus and Other DNA Viruses in Cytological Anal Samples of HIV-Uninfected Men Who Have Sex with Men

[HTML] <u>Identification of episomal human papillomavirus and other DNA viruses in cytological anal samples of HIV-uninfected men who have sex with men</u>

## Condylomata, cytological abnormalities and human papillomavirus infection in the anal canal in HIV-infected men

[HTML] <u>Identification of episomal human papillomavirus and other DNA viruses in cytological anal samples of HIV-uninfected men who have sex with men</u>

## First Evidence of Genetic Intraspecific Variability and Occurrence of Entamoeba gingivalis in HIV(+)/AIDS

[HTML] <u>First evidence of genetic intraspecific variability and occurrence of Entamoeba gingivalis in HIV (+)/AIDS</u>

## Alcohol use, Mycoplasma genitalium and other STIs associated with HIV incidence among women at high risk in Kampala, Uganda

[HTML] <u>Alcohol use, Mycoplasma genitalium and other STIs associated</u> with HIV incidence among women at high risk in Kampala, Uganda

# Strong impact of smoking on multimorbidity and cardiovascular risk among human immunodeficiency virus-infected individuals in comparison with the general ...

Strong impact of smoking on multimorbidity and cardiovascular risk among human immunodeficiency virus-infected individuals in comparison with the general ...

## Risk for HIV following a diagnosis of syphilis, gonorrhoea or chlamydia:

Risk for HIV following a diagnosis of syphilis, gonorrhoea or chlamydia: 328,456 women in Florida, 2000–2011

# Association between male circumcision and incidence of syphilis in men and women: a prospective study in HIV-1 serodiscordant heterosexual African couples

[HTML] <u>Association between male circumcision and incidence of syphilis in men and women: a prospective study in HIV-1 serodiscordant heterosexual African ...</u>

#### HIV-infected sex workers with beneficial HLAvariants are potential hubs for selection of HIV-1 recombinants that may affect disease progression

[HTML] <u>HIV-infected sex workers with beneficial HLA-variants are potential hubs for selection of HIV-1 recombinants that may affect disease progression</u>

### Syphilis and hepatitis B co-infection among HIV-infected, sex-trafficked women and girls, Nepal

[HTML] <u>Syphilis and hepatitis B co-infection among HIV-infected, sex-trafficked women and girls, Nepal</u>

## Correlates of incident infections for HIV, syphilis, and hepatitis B virus in a cohort of men who have sex with men in Beijing

<u>Correlates of incident infections for HIV, syphilis, and hepatitis B virus in a cohort of men who have sex with men in Beijing</u>

### Transfusion-transmissible infections among blood donors in Kathmandu, Nepal

<u>Transfusion-transmissible infections among blood donors in Kathmandu,</u> Nepal

# Associated factors with syphilis among human immunodeficiency virus-infected men who have sex with men in Taiwan in the era of combination antiretroviral therapy

[HTML] <u>Associated factors with syphilis among human immunodeficiency virus-infected men who have sex with men in Taiwan in the era of combination antiretroviral</u> ...

## Incident HSV-2 Infections Are Common Among HIV-1-discordant Couples

[HTML] <u>Incident HSV-2 infections are common among HIV-1-discordant couples</u>

## Association of genital human papillomavirus infection with HIV acquisition: a systematic review and meta-analysis

<u>Association of genital human papillomavirus infection with HIV acquisition:</u> a systematic review and meta-analysis

## High HIV, HPV, and STI prevalence among young Western Cape, South African women: EVRI HIV prevention preparedness trial

High HIV, HPV, and STI prevalence among young Western Cape, South African women: EVRI HIV prevention preparedness trial

#### Burden and Predictors of HIV /Hepatitis B Coinfection in Rural Uganda

Burden and Predictors of HIV/Hepatitis B Co-infection in Rural Uganda

## How Does Herpes Simplex Virus Type 2 Influence Human Immunodeficiency Virus Infection and Pathogenesis?

How does herpes simplex virus type 2 influence human immunodeficiency virus infection and pathogenesis?

## Evidence of a large, international network of international hepatitis C virus transmission in HIV-positive men who have sex with men

<u>Evidence of a large, international network of HCV transmission in HIV-</u>positive men who have sex with men

# Deciphering the epidemic synergy of herpes simplex virus type 2 (HSV-2) on human immunodeficiency virus type 1 (HIV-1) infection among women in sub-Saharan Africa

[PDF] <u>Deciphering the epidemic synergy of herpes simplex virus type 2</u> (HSV-2) on human immunodeficiency virus type 1 (HIV-1) infection among women in sub ...

### HIV Through the Looking Glass: Insights Derived From Hepatitis B

[HTML] HIV Through the Looking Glass: Insights Derived From Hepatitis B

#### Hepatitis B and C Co-Infection among HIV-Infected Adults while on Antiretroviral Treatment: Long-Term Survival, CD4 Cell Count Recovery and Antiretroviral Toxicity in Cambodia

HIV and viral hepatitis co-infection in New York City, 2000–2010: prevalence and case characteristics

#### Suppression of HBV by Tenofovir in HBV/HIV Coinfected Patients: A Systematic Review and Meta-Analysis

[HTML] <u>Suppression of HBV by tenofovir in HBV/HIV coinfected patients: a</u> systematic review and meta-analysis

## Prevalence, drug-induced hepatotoxicity, and mortality among patients multi-infected with HIV, tuberculosis, and hepatitis virus

[HTML] <u>Prevalence, drug-induced hepatotoxicity, and mortality among patients multi-infected with HIV, tuberculosis, and hepatitis virus</u>

### Usefulness of delayed hypersensitivity skin tests in HIV infected patients

[HTML] <u>Usefulness of delayed hypersensitivity skin tests in HIV infected</u> patients

#### Hormonal Contraceptives Differentially Suppress TFV and TAF Inhibition of HIV Infection and TFV-DP in Blood and Genital Tract CD4+ T cells

[HTML] <u>Hormonal Contraceptives Differentially Suppress TFV and TAF Inhibition</u> of HIV Infection and TFV-DP in Blood and Genital Tract CD4+ T cells

# Genital Epstein Barr Virus is associated with higher prevalence and persistence of anal human papillomavirus in HIV-infected men on antiretroviral therapy

[HTML] <u>Genital Epstein Barr Virus is associated with higher prevalence and persistence of anal human papillomavirus in HIV-infected men on antiretroviral therapy</u>

#### **HPV** infection in men

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#### Epstein-Barr Virus-and Kaposi Sarcoma-Associated Herpesvirus-Related Malignancies in the Setting of Human Immunodeficiency Virus Infection

<u>Epstein-Barr Virus-and Kaposi Sarcoma-Associated Herpesvirus-Related</u>
Malignancies in the Setting of Human Immunodeficiency Virus Infection

## Travel-related health risks in moderately and severely immunocompromised patients: a case-control study

HTML] <u>Travel-related health risks in moderately and severely immunocompromised patients: a case-control study</u>

# High colonization rates of extended-spectrum β-lactamase (ESBL)-producing Escherichia coli in Swiss Travellers to South Asia-a prospective observational ...

[HTML] <u>High colonization rates of extended-spectrum β-lactamase (ESBL)-producing Escherichia coli in Swiss Travellers to South Asia-a prospective observational ...</u>

#### Immune activation in Africa is environmentallydriven and is associated with upregulation of CCR5

<u>Immune activation in Africa is environmentally-driven and is associated with upregulation of CCR5</u>

### Interplay between Kaposi's sarcoma-associated herpesvirus and the innate immune system

<u>Interplay between Kaposi's sarcoma-associated herpesvirus and the innate</u> immune system

## The role of platelet-activating factor in chronic inflammation, immune activation, and comorbidities associated with HIV infection

HTML] The role of platelet-activating factor in chronic inflammation, immune activation, and comorbidities associated with HIV infection

### Haematological manifestations of human immune deficiency virus infection

Haematological manifestations of human immune deficiency virus infection

#### Autoimmune diseases and HIV infection: a crosssectional study

[HTML] Autoimmune diseases and HIV infection: a cross-sectional study

#### **Infections in AIDS**

Infections in AIDS

## Sexually transmitted infections among HIV-1-discordant couples

HTML] Sexually transmitted infections among HIV-1-discordant couples

## Pattern of co-infection by enteric pathogenic parasites among HIV sero-positive individuals in a Tertiary Care Hospital, Mumbai, India

[HTML] <u>Pattern of co-infection by enteric pathogenic parasites among HIV sero-positive individuals in a Tertiary Care Hospital, Mumbai, India</u>

#### [HTML] The dynamics of bacteria population on the skin, throat, and gastrointestinal tract of HIVseropositive patients

[HTML] <u>The dynamics of bacteria population on the skin, throat, and gastrointestinal tract of HIV-seropositive patients</u>

## **Tuberculosis, Antibiotic Resistance, Co-Infections**

#### Culture-Confirmed Multidrug-Resistant Tuberculosis in Children: Clinical Features, Treatment, and Outcome

<u>Culture-confirmed multidrug-resistant tuberculosis in children: clinical features, treatment, and outcome</u>

#### Cell-Autonomous Effector Mechanisms against Mycobacterium tuberculosis

Cell-autonomous effector mechanisms against Mycobacterium tuberculosis

### Insights into battles between *Mycobacterium* tuberculosis and macrophages

[HTML] <u>Insights into battles between Mycobacterium tuberculosis and macrophages</u>

#### National Survey of Drug-Resistant Tuberculosis in China

[HTML] National survey of drug-resistant tuberculosis in China

## Genotyping of Multidrug - Resistant Strains of Mycobacterium Tuberculosis in the Limpopo Province

<u>Genotyping of multidrug-resistant strains of mycobacterium tuberculosis in the Limpopo Province</u>

### Microevolution of extensively drug-resistant tuberculosis in Russia

Microevolution of extensively drug-resistant tuberculosis in Russia

### Dissemination of multidrug-resistant tuberculosis in a patient with acute HIV infection

[HTML] <u>Dissemination of multidrug-resistant tuberculosis in a patient with acute HIV infection</u>

### **Emergence and Spread of Extensively and Totally Drug-Resistant Tuberculosis, South Africa**

[HTML] <u>Emergence and spread of extensively and totally drug-resistant</u> tuberculosis, South Africa

#### Microevolution of extensively drug-resistant tuberculosis in Russia

Microevolution of extensively drug-resistant tuberculosis in Russia

#### Anti-Tuberculosis Drug Resistance among New and Previously Treated Sputum Smear-Positive Tuberculosis Patients in Uganda: Results of the First National Survey

[HTML] <u>Anti-tuberculosis drug resistance among new and previously</u> <u>treated sputum smear-positive tuberculosis patients in Uganda: results of the first national survey</u>

# The impact of HIV exposure and maternal Mycobacterium tuberculosis infection on infant immune responses to bacilli Calmette-Guérin vaccination

[HTML] <u>The impact of HIV exposure and maternal Mycobacterium</u> <u>tuberculosis infection on infant immune responses to bacille Calmette-Guérin vaccination</u>

# Active Tuberculosis Is Associated with Worse Clinical Outcomes in HIV-Infected African Patients on Antiretroviral Therapy

[HTML] <u>Active tuberculosis is associated with worse clinical outcomes in</u> HIV-infected African patients on antiretroviral therapy

#### The unsurprising story of MDR-TB resistance in India

The unsurprising story of MDR-TB resistance in India

### Rational use of anti-tuberculosis drugs in the EU: better patient care and less drug resistance

Rational use of anti-tuberculosis drugs in the EU: better patient care and less drug resistance

#### Macrophage and Mycobacterium : The War without Beginning or End

Macrophage and Mycobacterium: The war without beginning or end

## Macrophage-mediated inflammatory response decreases mycobacterial survival in mouse MSCs by augmenting NO production

[HTML] <u>Macrophage-mediated inflammatory response decreases</u> mycobacterial survival in mouse MSCs by augmenting NO production

## Management of multidrug-resistant TB: novel treatments and their expansion to low resource settings

Management of multidrug-resistant TB: novel treatments and their expansion to low resource settings

#### **Childhood Tuberculosis and Malnutrition**

Childhood tuberculosis and malnutrition

### Mechanisms of control of Mycobacterium tuberculosis By NK cells: role of glutathione

[HTML] <u>Mechanisms of control of Mycobacterium tuberculosis by NK cells:</u> role of glutathione

## Mitochondrial oxidative stress and dysfunction induced by isoniazid: study on isolated rat liver and brain mitochondria

<u>Mitochondrial oxidative stress and dysfunction induced by isoniazid: study</u> on isolated rat liver and brain mitochondria

### **Evolution of Drug Resistance in** *Mycobacterium* **tuberculosis:** Clinical and Molecular Perspective

<u>Evolution of drug resistance in Mycobacterium tuberculosis: clinical and</u> molecular perspective

### Tuberculosis in Bissau: incidence and risk factors in an urban community in sub-Saharan Africa

<u>Tuberculosis in Bissau: incidence and risk factors in an urban community</u> in sub-Saharan Africa

## Circulating antioxidants and lipid peroxidation products in untreated tuberculosis patients in Ethiopia 1, 2, 3

<u>Circulating antioxidants and lipid peroxidation products in untreated tuberculosis patients in Ethiopia</u>

#### The Response of *Mycobacterium Tuberculosis* to Reactive Oxygen and Nitrogen Species

[HTML] <u>The response of Mycobacterium tuberculosis to reactive oxygen and nitrogen species</u>

#### Diagnosis of Tuberculosis by Using a Nucleic Acid Amplification Test in an Urban Population with High HIV Prevalence in the United States

[HTML] <u>Diagnosis of tuberculosis by using a nucleic acid amplification test in an urban population with high HIV prevalence in the United States</u>

## The roles of GSTM1and GSTT1 null genotypes and other predictors in anti-tuberculosis drug-induced liver injury

The roles of GSTM1 and GSTT1 null genotypes and other predictors in antituberculosis drug-induced liver injury

## Impact of Bacterial Genetics on the Transmission of Isoniazid-Resistant Mycobacterium tuberculosis

[HTML] <u>Impact of bacterial genetics on the transmission of isoniazid-resistant Mycobacterium tuberculosis</u>

## Infectiousness, reproductive fitness and evolution of drug-resistant Mycobacterium tuberculosis

<u>Infectiousness, reproductive fitness and evolution of drug-resistant</u>
Mycobacterium tuberculosis [State of the art]

### Global transcriptional response to vancomycin in *Mycobacterium tuberculosis*

Global transcriptional response to vancomycin in Mycobacterium tuberculosis

#### Exogenous reinfection with multidrug-resistant Mycobacterium tuberculosis in patients with advanced HIV infection

[HTML] <u>Exogenous reinfection with multidrug-resistant Mycobacterium</u> tuberculosis in patients with advanced HIV infection

## Impact of Bacterial Genetics on the Transmission of Isoniazid-Resistant Mycobacterium tuberculosis

[HTML] <u>Impact of bacterial genetics on the transmission of isoniazid-</u>resistant Mycobacterium tuberculosis

## Transcriptional Adaptation of *Mycobacterium tuberculosis* within Macrophages

<u>Transcriptional adaptation of Mycobacterium tuberculosis within macrophages</u>

## Prevalence of intestinal parasites in newly diagnosed HIV/AIDS patients in Ilorin, Nigeria

[HTML] <u>Prevalence of intestinal parasites in newly diagnosed HIV/AIDS</u> patients in Ilorin, Nigeria

# The effect of sexually transmitted co-infections on HIV viral load amongst individuals on antiretroviral therapy: a systematic review and meta-analysis

[PDF] The effect of sexually transmitted co-infections on HIV viral load amongst individuals on antiretroviral therapy: a systematic review and meta-analysis

## Effect of treating co-infections on HIV-1 viral load: a systematic review

Effect of treating co-infections on HIV-1 viral load: a systematic review

Clinical deterioration during antitubercular treatment at a district hospital in South Africa: the importance of drug resistance and AIDS defining illnesses

[HTML] <u>Clinical deterioration during antitubercular treatment at a district hospital in South Africa: the importance of drug resistance and AIDS defining illnesses</u>

### HSV-2 infection of dendritic cells amplifies a highly susceptible HIV-1 cell target

[HTML] <u>HSV-2 infection of dendritic cells amplifies a highly susceptible HIV-</u> 1 cell target

# Heterosexual transmission of human immunodeficiency virus (HIV) in northern California: results from a ten-year study

Heterosexual transmission of human immunodeficiency virus (HIV) in northern California: results from a ten-year study

## Pneumocystis carinii: oxygen uptake, antioxidant enzymes, and susceptibility to oxygen-mediated damage.

<u>Pneumocystis carinii: oxygen uptake, antioxidant enzymes, and</u> susceptibility to oxygen-mediated damage.

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## The 'immunologic advantage'of HIV-exposed seronegative individuals

The 'immunologic advantage' of HIV-exposed seronegative individuals

## Immune Activation Is Present in HIV-1-Exposed Seronegative Individuals and Is Independent of Microbial Translocation

<u>Immune Activation Is Present in HIV-1-Exposed Seronegative Individuals</u> and Is Independent of Microbial Translocation

#### Pre-exposure Prophylaxis Does Not Enhance HIVspecific T-cell Responses

Pre-exposure Prophylaxis Does Not Enhance HIV-specific T-cell Responses

## Pre-exposure prophylaxis for HIV prevention in women: current perspectives

[HTML] <u>Pre-exposure prophylaxis for HIV prevention in women: current perspectives</u>

### Pre-and post-sexual exposure prophylaxis of HIV: An update

[HTML] Pre-and post-sexual exposure prophylaxis of HIV: An update

### A Review of HIV Pre-Exposure Prophylaxis: The Female Perspective

[HTML] A Review of HIV Pre-Exposure Prophylaxis: The Female Perspective

### HIV Pre-Exposure Prophylaxis: Are we "PrEPing" for a new epidemic?

[PDF] <u>HIV Pre-Exposure Prophylaxis: Are we "PrEPing" for a new</u> epidemic?

## Antiretroviral drugs for treatment and prevention of HIV infection in adults: 2016 recommendations of the International Antiviral Society-USA panel

[HTML] <u>Antiretroviral drugs for treatment and prevention of HIV infection in adults: 2016 recommendations of the International Antiviral Society-USA panel</u>

# Changes in kidney function associated with daily tenofovir disoproxil fumarate/emtricitabine for HIV preexposure prophylaxis use in the United States Demonstration ...

Changes in kidney function associated with daily tenofovir disoproxil fumarate/emtricitabine for HIV preexposure prophylaxis use in the United States Demonstration ...

#### Safety of oral tenofovir disoproxil fumaratebased pre-exposure prophylaxis for HIV prevention

Safety of oral tenofovir disoproxil fumarate-based pre-exposure prophylaxis for HIV prevention

#### Tenofovir and bone health

[HTML] Tenofovir and bone health

## Acute Trigeminal Neuralgia Associated with Initiation of Emtricitabine/Tenofovir for HIV Pre-Exposure Prophylaxis

Acute Trigeminal Neuralgia Associated with Initiation of Emtricitabine/Tenofovir for HIV Pre-Exposure Prophylaxis

## An overview of tenofovir and renal disease for the HIV-treating clinician

An overview of tenofovir and renal disease for the HIV-treating clinician

# ... function among hiv-1-uninfected men and women receiving emtricitabine-tenofovir disoproxil fumarate preexposure prophylaxis: A randomized clinical trial

HTML] ... function among hiv-1-uninfected men and women receiving emtricitabine-tenofovir disoproxil fumarate preexposure prophylaxis: A randomized clinical trial

#### Brief Report: Cumulative Tenofovir Disoproxil Fumarate Exposure is Associated With Biomarkers of Tubular Injury and Fibrosis in HIV-Infected Men.

[HTML] <u>Brief Report: Cumulative Tenofovir Disoproxil Fumarate Exposure is Associated With Biomarkers of Tubular Injury and Fibrosis in HIV-Infected Men.</u>

# Developing safer HIV drugs: elucidating the mechanistic pathway of Tenofovir-induced cytotoxicity via mitochondrial dysfunction

<u>Developing safer HIV drugs: elucidating the mechanistic pathway of Tenofovir-induced cytotoxicity via mitochondrial dysfunction</u>

## Changes in renal function associated with oral emtricitabine/tenofovir disoproxil fumarate use for HIV pre-exposure prophylaxis

[HTML] <u>Changes in renal function associated with oral</u> <u>emtricitabine/tenofovir disoproxil fumarate use for HIV pre-exposure</u> <u>prophylaxis</u>

# Virological failure among adult HIV positive patients three years after starting antiretroviral treatment at Mankweng Hospital, Limpopo Province, RSA

<u>Virological failure among adult HIV positive patients three years after</u> <u>starting antiretroviral treatment at Mankweng Hospital, Limpopo Province,</u> RSA

#### The safety of tenofovir-emtricitabine for HIV preexposure Prophylaxis (PrEP) in individuals with active hepatitis B

[HTML] <u>The safety of tenofovir-emtricitabine for HIV pre-exposure Prophylaxis (PrEP) in individuals with active hepatitis B</u>

# Risk of drug resistance among persons acquiring HIV within a randomized clinical trial of single-or dual-agent preexposure prophylaxis

Risk of drug resistance among persons acquiring HIV within a randomized clinical trial of single-or dual-agent preexposure prophylaxis

## HIV Treatment and Prevention: An Overview of Recommendations From the 2016 IAS-USA Antiretroviral Guidelines Panel

[HTML] <u>HIV Treatment and Prevention: An Overview of Recommendations From</u> the 2016 IAS-USA Antiretroviral Guidelines Panel

## Letter to the editor: Pre-exposure prophylaxis for HIV in Europe: The need for resistance surveillance

[HTML] <u>Letter to the editor: Pre-exposure prophylaxis for HIV in Europe: The need</u> for resistance surveillance

## The effect of oral preexposure prophylaxis on the progression of HIV-1 seroconversion

[HTML] <u>The effect of oral preexposure prophylaxis on the progression of HIV-1</u> seroconversion

## Tenofovir gel for the prevention of herpes simplex virus type 2 infection

[HTML] Tenofovir gel for the prevention of herpes simplex virus type 2 infection

### On-demand preexposure prophylaxis in men at high risk for HIV-1 infection

[HTML] <u>On-demand preexposure prophylaxis in men at high risk for HIV-1</u> infection

#### HIV protective efficacy and correlates of tenofovir blood concentrations in a clinical trial of PrEP for HIV prevention

[HTML] <u>HIV protective efficacy and correlates of tenofovir blood concentrations in</u> a clinical trial of PrEP for HIV prevention

#### Tenofovir Inhibits Wound Healing of Epithelial Cells and Fibroblasts from the Upper and Lower Human Female Reproductive Tract

[HTML] <u>Tenofovir Inhibits Wound Healing of Epithelial Cells and Fibroblasts from</u> the Upper and Lower Human Female Reproductive Tract

## Antibody maturation in women who acquire HIV infection while using antiretroviral preexposure prophylaxis

Antibody maturation in women who acquire HIV infection while using antiretroviral preexposure prophylaxis

#### Hormonal Contraceptives Differentially Suppress TFV and TAF Inhibition of HIV Infection and TFV-DP in Blood and Genital Tract CD4+ T cells

[HTML] <u>Hormonal Contraceptives Differentially Suppress TFV and TAF Inhibition</u> of HIV Infection and TFV-DP in Blood and Genital Tract CD4+ T cells

#### HIV disease progression in seroconvertors from the CAPRISA 004 tenofovir gel pre-exposure prophylaxis trial

[HTML] <u>HIV disease progression in seroconvertors from the CAPRISA 004 tenofovir gel pre-exposure prophylaxis trial</u>

## Adherence to Post-Exposure Prophylaxis (PEP) and Incidence of HIV Seroconversion in a Major North American Cohort

[HTML] <u>Adherence to post-exposure prophylaxis (PEP) and incidence of HIV seroconversion in a major North American cohort</u>

## Raltegravir-emtricitabine-tenofovir as HIV nonoccupational

post-exposure prophylaxis in men who have sex with

#### men: safety, tolerability and adherence

[HTML] <u>Raltegravir-emtricitabine-tenofovir as HIV nonoccupational post-exposure prophylaxis in men who have sex with men: safety, tolerability and adherence</u>

## Antiretroviral Prophylaxis for HIV-1 Prevention among Heterosexual Men and Women

[HTML] <u>Antiretroviral prophylaxis for HIV prevention in heterosexual menand women</u>

#### Suppression of HBV by Tenofovir in HBV/HIV Coinfected Patients: A Systematic Review and Meta-Analysis

[HTML] <u>Suppression of HBV by tenofovir in HBV/HIV coinfected patients: a systematic review and meta-analysis</u>

## Low Body Weight in Females Is a Risk Factor for Increased Tenofovir Exposure and Drug-Related Adverse Events

[HTML] <u>Low body weight in females is a risk factor for increased tenofovir exposure and drug-related adverse events</u>

## Sexually transmitted infections and pre-exposure prophylaxis: challenges and opportunities among men who have sex with men in the US

[HTML] <u>Sexually transmitted infections and pre-exposure prophylaxis:</u>
<a href="mailto:challenges">challenges</a> and opportunities among men who have sex with men in the US

# Safety, adherence and acceptability of intermittent tenofovir/emtricitabine as HIV pre-exposure prophylaxis (PrEP) among HIV-uninfected Ugandan volunteers ...

[HTML] <u>Safety, adherence and acceptability of intermittent</u> <u>tenofovir/emtricitabine as HIV pre-exposure prophylaxis (PrEP) among HIV-uninfected Ugandan volunteers ...</u>

#### Pre-exposure Prophylaxis Does Not Enhance HIVspecific T-cell Responses

Pre-exposure Prophylaxis Does Not Enhance HIV-specific T-cell Responses

# Syphilis predicts HIV incidence among men and transgender women who have sex with men in a preexposure prophylaxis trial

Syphilis predicts HIV incidence among men and transgender women who have sex with men in a preexposure prophylaxis trial

#### HIV pre-exposure prophylaxis for women

[HTML] HIV pre-exposure prophylaxis for women

# Awareness of post-exposure prophylaxis (PEP) and pre-exposure prophylaxis (PrEP) is low but interest is high among men engaging in condomless anal sex with ...

Awareness of post-exposure prophylaxis (PEP) and pre-exposure prophylaxis (PrEP) is low but interest is high among men engaging in condomless anal sex with ...

### Vaginal bacteria modify HIV tenofovir microbicide efficacy in African women

Vaginal bacteria modify HIV tenofovir microbicide efficacy in African women

#### The safety of tenofovir-emtricitabine for HIV preexposure Prophylaxis (PrEP) in individuals with active hepatitis B

[HTML] <u>The safety of tenofovir-emtricitabine for HIV pre-exposure Prophylaxis (PrEP) in individuals with active hepatitis B</u>

# Combination Emtricitabine and Tenofovir Disoproxil Fumarate Prevents Vaginal Simian/Human Immunodeficiency Virus Infection in Macaques Harboring *Chlamydia trachomatis* ...

Combination Emtricitabine and Tenofovir Disoproxil Fumarate Prevents Vaginal Simian/Human Immunodeficiency Virus Infection in Macaques Harboring Chlamydia trachomatis ...

### Pre-exposure prophylaxis: a useful tool to prevent human immunodeficiency virus infection?

[HTML] <u>Pre-exposure prophylaxis: a useful tool to prevent human immunodeficiency virus infection?</u>

## Preexposure prophylaxis for HIV prevention in a large integrated health care system: adherence, renal safety, and discontinuation

[HTML] <u>Preexposure prophylaxis for HIV prevention in a large integrated health care system: adherence, renal safety, and discontinuation</u>

# Incidence of gonorrhea and chlamydia following human immunodeficiency virus preexposure prophylaxis among men who have sex with men: a modeling study

Incidence of gonorrhea and chlamydia following human immunodeficiency virus preexposure prophylaxis among men who have sex with men: a modeling study

## Serious concerns regarding a meta-analysis of preexposure prophylaxis use and STI acquisition

[HTML] <u>Serious concerns regarding a meta-analysis of preexposure prophylaxis use and STI acquisition</u>

#### Sexually transmitted infections and preexposure prophylaxis: challenges and opportunities among men who have sex with men in the US

[HTML] <u>Sexually transmitted infections and pre-exposure prophylaxis:</u>
<a href="mailto:challenges">challenges</a> and opportunities among men who have sex with men in the US

### Addressing the increasing burden of sexually transmitted infections in Rhode Island

[HTML] <u>Addressing the increasing burden of sexually transmitted</u> infections in Rhode Island

### Incidence of sexually transmitted infections before and after preexposure prophylaxis for HIV

[HTML] <u>Incidence of sexually transmitted infections before and after</u> preexposure prophylaxis for HIV

# Decreased incidence of syphilis in both men and women associated with male circumcision: a prospective study among HIV-1 serodiscordant heterosexual ...

[HTML] <u>Decreased incidence of syphilis in both men and women</u> <u>associated with male circumcision: a prospective study among HIV-1</u> serodiscordant heterosexual ...

## Difference in condom use between bear concordant and discordant dyads during the last anal sex event

<u>Difference in condom use between bear concordant and discordant dyads</u> <u>during the last anal sex event</u>

## HIV prevention after Discontinuing pre-exposure prophylaxis: Conclusions From a Case study

[HTML] <u>HIV prevention after Discontinuing pre-exposure prophylaxis:</u> <u>Conclusions From a Case study</u>

# Preferences for long-acting pre-exposure prophylaxis (PrEP), daily oral PrEP, or condoms for HIV prevention among US men who have sex with men

Preferences for long-acting pre-exposure prophylaxis (PrEP), daily oral PrEP, or condoms for HIV prevention among US men who have sex with men

## Individual versus community-level risk compensation following preexposure prophylaxis of HIV

<u>Individual versus community-level risk compensation following preexposure prophylaxis of HIV</u>

#### The Pre-Exposure Prophylaxis-Stigma Paradox: Learning from Canada's First Wave of PrEP Users

<u>The Pre-Exposure Prophylaxis-Stigma Paradox: Learning from Canada's</u> First Wave of PrEP Users

# Sexually transmitted infections in the era of antiretroviral-based HIV prevention: Priorities for discovery research, implementation science, and community ...

[HTML] <u>Sexually transmitted infections in the era of antiretroviral-based</u> <u>HIV prevention: Priorities for discovery research, implementation science, and community ...</u>

# Incidence of gonorrhea and chlamydia following human immunodeficiency virus preexposure prophylaxis among men who have sex with men: a modeling study

Incidence of gonorrhea and chlamydia following human immunodeficiency virus preexposure prophylaxis among men who have sex with men: a modeling study

#### **Receptive Anal Intercourse and HIV Infection**

Receptive Anal Intercourse and HIV Infection

## Condomless anal sex among HIV-positive men who have sex with men: biomedical context matters

<u>Condomless anal sex among HIV-positive men who have sex with men:</u> <u>biomedical context matters</u>

# Antiretroviral therapy initiation is not associated with risky sexual behavior among heterosexual HIV-infected persons in serodiscordant partnerships

[HTML] <u>Antiretroviral therapy initiation is not associated with risky sexual behavior among heterosexual HIV-infected persons in serodiscordant partnerships</u>

# Post-exposure prophylaxis with doxycycline to prevent sexually transmitted infections in men who have sex with men: an open-label randomised substudy of the ...

<u>Post-exposure prophylaxis with doxycycline to prevent sexually transmitted infections in men who have sex with men: an open-label randomised substudy of the ...</u>

# Grindr, scruff, and on the hunt: predictors of condomless anal sex, Internet use, and mobile application use Among Men Who Have Sex With Men

Grindr, scruff, and on the hunt: predictors of condomless anal sex, Internet use, and mobile application use Among Men Who Have Sex With Men

# Tenofovir-Associated Bone Adverse Outcomes among a US National Historical Cohort of HIV-Infected Veterans: Risk Modification by Concomitant ...

[HTML] <u>Tenofovir-Associated Bone Adverse Outcomes among a US</u>
<u>National Historical Cohort of HIV-Infected Veterans: Risk Modification by Concomitant ...</u>

## Acute Trigeminal Neuralgia Associated with Initiation of Emtricitabine/Tenofovir for HIV Pre-Exposure Prophylaxis

Acute Trigeminal Neuralgia Associated with Initiation of Emtricitabine/Tenofovir for HIV Pre-Exposure Prophylaxis

## Pre-exposure prophylaxis for HIV prevention: safety concerns

Pre-exposure prophylaxis for HIV prevention: safety concerns

### A Sex-Positive Approach to Healthcare, and Truvada as HIV Pre-Exposure Prophylaxis (PrEP)

A Sex-Positive Approach to Healthcare, and Truvada as HIV Pre-Exposure Prophylaxis (PrEP)

#### Tenofovir Inhibits Wound Healing of Epithelial Cells and Fibroblasts from the Upper and Lower Human Female Reproductive Tract

[HTML] <u>Tenofovir Inhibits Wound Healing of Epithelial Cells and Fibroblasts</u> <u>from the Upper and Lower Human Female Reproductive Tract</u>

# Condom use in combination with ART can reduce HIV incidence and mortality of PLWHA among MSM: a study from Beijing, China

[HTML] <u>Condom use in combination with ART can reduce HIV incidence and mortality of PLWHA among MSM: a study from Beijing, China</u>

# Brief Report: Cumulative Tenofovir Disoproxil Fumarate Exposure is Associated With Biomarkers of Tubular Injury and Fibrosis in HIV-Infected Men.

[HTML] <u>Brief Report: Cumulative Tenofovir Disoproxil Fumarate Exposure is Associated With Biomarkers of Tubular Injury and Fibrosis in HIV-Infected Men.</u>

Safety, adherence and acceptability of intermittent tenofovir/emtricitabine as HIV pre-

#### exposure prophylaxis (PrEP) among HIVuninfected Ugandan volunteers ...

[HTML] <u>Safety, adherence and acceptability of intermittent</u> tenofovir/emtricitabine as HIV pre-exposure prophylaxis (PrEP) among HIV-uninfected Ugandan volunteers ...

### Efavirenz induces neuronal autophagy and mitochondrial alterations

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#### Autophagy as a rescue mechanism in efavirenzinduced mitochondrial dysfunction: a lesson from hepatic cells

Autophagy as a rescue mechanism in efavirenz-induced mitochondrial dysfunction: a lesson from hepatic cells

## Risk of drug resistance among persons acquiring HIV within a randomized clinical trial of single-or dual-agent preexposure prophylaxis

Risk of drug resistance among persons acquiring HIV within a randomized clinical trial of single-or dual-agent preexposure prophylaxis

# Changes in kidney function associated with daily tenofovir disoproxil fumarate/emtricitabine for HIV preexposure prophylaxis use in the United States Demonstration ...

<u>Changes in kidney function associated with daily tenofovir disoproxil</u> <u>fumarate/emtricitabine for HIV preexposure prophylaxis use in the United</u> <u>States Demonstration ...</u>

# Developing safer HIV drugs: elucidating the mechanistic pathway of Tenofovir-induced cytotoxicity via mitochondrial dysfunction

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## Changes in renal function associated with oral emtricitabine/tenofovir disoproxil fumarate use for HIV pre-exposure prophylaxis

[HTML] <u>Changes in renal function associated with oral</u> <u>emtricitabine/tenofovir disoproxil fumarate use for HIV pre-exposure</u> <u>prophylaxis</u>

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## We need to consider collateral damage to resistomes when we decide how frequently to screen for chlamydia/gonorrhoea in preexposure

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## Adverse Effects of "Antiretroviral Therapy"

#### Off-target effects of drugs that disrupt human mitochondrial DNA maintenance

[HTML] <u>Off-target effects of drugs that disrupt human mitochondrial DNA</u> maintenance

## Trends in reported AIDS defining illnesses (ADIs) among participants in a universal antiretroviral therapy program: an observational study

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<u>participants in a universal antiretroviral therapy program: an observational study</u>

#### Immune reconstitution inflammatory syndromeassociated disseminated Kaposi's sarcoma in a patient infected with human immunodeficiency virus: Report of ...

[HTML] <u>Immune reconstitution inflammatory syndrome-associated disseminated Kaposi's sarcoma in a patient infected with human immunodeficiency virus: Report of ...</u>

#### Stimulant Use and Progression to AIDS or Mortality After The Initiation of Highly Active Anti-Retroviral Therapy

[HTML] <u>Stimulant Use and Progression to AIDS or Mortality After The</u> <u>Initiation of Highly Active Anti-Retroviral Therapy</u>

## Leishmaniasis as a manifestation of immune reconstitution inflammatory syndrome (IRIS) in HIV-infected patients: a literature review

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## Immune Reconstitution Inflammatory Syndrome Presenting as Mycobacterium Avium Complex Lymphadenitis

[PDF] <u>Immune Reconstitution Inflammatory Syndrome Presenting as Mycobacterium Avium Complex Lymphadenitis</u>

# Brief Report: Changes in Levels of Inflammation After Antiretroviral Treatment During Early HIV Infection in AIDS Clinical Trials Group Study A5217.

[HTML] <u>Brief Report: Changes in Levels of Inflammation After Antiretroviral Treatment During Early HIV Infection in AIDS Clinical Trials Group Study A5217.</u>

### Immune Reconstitution Inflammatory Syndrome in HIV-Infected Immigrants

<u>Immune Reconstitution Inflammatory Syndrome in HIV-Infected</u> <u>Immigrants</u>

## Immunological signaling during herpes simplex virus-2 and cytomegalovirus vaginal shedding after initiation of antiretroviral treatment

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## Complexities of gut microbiome dysbiosis in the context of HIV infection and antiretroviral therapy

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## HIV protease inhibitors elicit volume-sensitive CI- current in cardiac myocytes via mitochondrial ROS

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## Protease inhibitor monotherapy is associated with a higher level of monocyte activation, bacterial translocation and inflammation

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### Microbial translocation and microbiome dysbiosis in HIV-associated immune activation

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# Gut epithelial barrier dysfunction in human immunodeficiency virus-hepatitis C virus coinfected patients: Influence on innate and acquired immunity o.k. o.k.

[HTML] <u>Gut epithelial barrier dysfunction in human immunodeficiency virus-hepatitis C virus coinfected patients: Influence on innate and acquired immunity o.k. o.k.</u>

#### Evidence for polymicrobic flora translocating in peripheral blood of HIV-infected patients with poor immune response to antiretroviral therapy

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#### Highly Active Antiretroviral Therapy Mitigates Liver Disease in HIV Infection

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## Nutritional status of HIV-infected patients during the first year HAART in two West African cohorts

[HTML] <u>Nutritional status of HIV-infected patients during the first year HAART in two West African cohorts</u>

### Kidney dysfunction and markers of inflammation in the multicenter AIDS cohort study

<u>Kidney dysfunction and markers of inflammation in the multicenter AIDS</u> <u>cohort study</u>

# Plasma Mitochondrial DNA Levels as a Biomarker of Lipodystrophy Among HIV-infected Patients Treated with Highly Active Antiretroviral Therapy (HAART).

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#### Plasma micronutrient concentrations are altered by antiretroviral therapy and lipid-based nutrient supplements in lactating HIV-infected Malawian women

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#### Vitamin D deficiency in HIV infection: not only a bone disorder

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## Levels of HIV-1 persistence on antiretroviral therapy are not associated with markers of inflammation or activation

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### Immune reconstitution inflammatory syndrome in HIV-infected patients

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# Bone mineral density changes after 2 years of ARV treatment, compared to naive HIV-1-infected patients not on HAART

Bone mineral density changes after 2 years of ARV treatment, compared to naive HIV-1-infected patients not on HAART

# Inflammation, immune activation, immunosenescence, and hormonal biomarkers in the frailty-related phenotype of men with or at risk for HIV

<u>Inflammation, immune activation, immunosenescence, and hormonal biomarkers in the frailty-related phenotype of men with or at risk for HIV</u>

## Etiology of Symptomatic Vaginitis among HIV/AIDS Patients in the Era of Highly Active Antiretroviral Therapy

[HTML] <u>Etiology of Symptomatic Vaginitis among HIV/AIDS Patients in the</u> Era of Highly Active Antiretroviral Therapy

#### The effects of highly active antiretroviral therapy on the serum levels of pro-inflammatory and antiinflammatory cytokines in HIV infected subjects

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# Risk of severe non AIDS events is increased among patients unable to increase their CD4+ T-cell counts> 200+/µl despite effective HAART

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## Hypertension is a key feature of the metabolic syndrome in subjects aging with HIV

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#### Acute coronary syndromes in patients with HIV

[HTML] Acute coronary syndromes in patients with HIV

### HIV, highly active antiretroviral therapy and the heart: a cellular to epidemiological review

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## Clinical characteristics, predictors of immune reconstitution inflammatory syndrome and long-term prognosis in patients with Kaposi sarcoma

[HTML] <u>Clinical characteristics</u>, <u>predictors of immune reconstitution</u> <u>inflammatory syndrome and long-term prognosis in patients with Kaposi</u> <u>sarcoma</u>

### Long-term impact of HIV wasting on physical function in the multicenter AIDS cohort study

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## Long-term kidney function, proteinuria, and associated risks among HIV-infected and uninfected men

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#### Immune Reconstitution Inflammatory Syndrome-Associated Burkitt Lymphoma After Combination Antiretroviral Therapy in HIV-Infected Patients

Immune Reconstitution Inflammatory Syndrome-Associated Burkitt
Lymphoma After Combination Antiretroviral Therapy in HIV-Infected
Patients

# Bone mineral density and inflammatory and bone biomarkers after darunavir-ritonavir combined with either raltegravir or tenofovir-emtricitabine in antiretroviral-naive ...

Bone mineral density and inflammatory and bone biomarkers after darunavir-ritonavir combined with either raltegravir or tenofovir-emtricitabine in antiretroviral-naive ...

# Disturbed glutathione metabolism and decreased antioxidant levels in human immunodeficiency virus-infected patients during highly active antiretroviral therapy ...

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#### Elevated risks of death for diabetes mellitus and cardiovascular diseases in Italian AIDS cases

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### Neurotoxicity in the post-HAART era: caution for the antiretroviral therapeutics

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## Impact of nucleoside reverse transcriptase inhibitors on mitochondrial DNA and RNA in human skeletal muscle cells

Impact of nucleoside reverse transcriptase inhibitors on mitochondrial DNA and RNA in human skeletal muscle cells

## Adverse effects of antiretroviral therapy on liver hepatocytes and endothelium in HIV patients: an ultrastructural perspective

Adverse effects of antiretroviral therapy on liver hepatocytes and endothelium in HIV patients: an ultrastructural perspective

# Shorter telomere length predicts poorer immunological recovery in virologically suppressed HIV-1-infected patients treated with combined antiretroviral therapy

Shorter telomere length predicts poorer immunological recovery in virologically suppressed HIV-1-infected patients treated with combined antiretroviral therapy

### Impact of antiretroviral drugs on the microbiome: unknown answers to important questions

<u>Impact of antiretroviral drugs on the microbiome: unknown answers to important questions</u>

# Overexpression of mitochondrial antioxidant manganese superoxide dismutase (MnSOD) provides protection against AZT-or 3TC-induced endothelial dysfunction

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## Mitochondrial DNA haplogroups influence lipoatrophy after highly active antiretroviral therapy

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### The Impact of Modern Antiretroviral Therapy on Lipid Metabolism of HIV-1 Infected Patients

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# Environmental fate and ecotoxicological effects of antiretrovirals: A current global status and future perspectives

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## Dynamic perturbations of the T-cell receptor repertoire in chronic HIV infection and following antiretroviral therapy

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### HIV protease inhibitors in gut barrier dysfunction and liver injury

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# HIV-1 infection and first line ART induced differential responses in mitochondria from blood lymphocytes and monocytes: the ANRS EP45 "Aging" study

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### Mitochondrial DNA haplogroups influence AIDS progression

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## Heme oxygenase-1-derived bilirubin counteracts HIV protease inhibitor-mediated endothelial cell dysfunction

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# Impact of nucleoside reverse transcriptase inhibitors on mitochondria in human immunodeficiency virus type 1-infected children receiving highly active antiretroviral therapy

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#### Adverse effects of antiretroviral treatment

[HTML] Adverse effects of antiretroviral treatment

## Highly active antiretroviral therapy and the kidney: an update on antiretroviral medications for nephrologists

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#### Mitochondrial toxicity induced by nucleosideanalogue reverse-transcriptase inhibitors is a key factor in the pathogenesis of antiretroviraltherapy-related ...

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### Hepatotoxicity in HIV-infected children and adolescents on antiretroviral therapy

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## Dyslipidemia and cardiovascular disease risk factor management in HIV-1-infected subjects treated with HAART in the Spanish VACH cohort

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Zidovudine induces molecular, biochemical, and ultrastructural changes in rat skeletal muscle mitochondria.

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## Adverse effects of reverse transcriptase inhibitors: mitochondrial toxicity as common pathway

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#### A Single Zidovudine (AZT) Administration Delays Hepatic Cell Proliferation by Altering Oxidative State in the Regenerating Rat Liver

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#### <u>Lipodystrophy syndrome among HIV infected</u> <u>children on highly active antiretroviral therapy in</u> northern India

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# Impact of nucleoside reverse transcriptase inhibitors on mitochondria in human immunodeficiency virus type 1-infected children receiving highly active antiretroviral therapy

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### Impaired sperm motility in HIV-infected men: an unexpected adverse effect of efavirenz?

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## Sources for Inflammation and Accelerated Aging in Well Controlled HIV Patients on Antiretroviral Therapy

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# Genital Epstein Barr Virus is associated with higher prevalence and persistence of anal human papillomavirus in HIV-infected men on antiretroviral therapy

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## Resistance to reverse transcriptase inhibitors used in the treatment and prevention of HIV-1 infection

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#### The role of drug transporters in the kidney: lessons from tenofovir

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#### Renal and bone adverse effects of a tenofovirbased regimen in the treatment of HIV-infected children: a systematic review

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#### ... and antibiotic resistance pattern of blood culture isolates from human immuno-deficiency virus (HIV) patients on highly active antiretroviral therapy (HAART) in ...

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## Nucleoside reverse transcriptase inhibitors possess intrinsic anti-inflammatory activity

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# Antiretroviral exposure during pregnancy and adverse outcomes in HIV-exposed uninfected infants and children using a trigger-based design: the SMARTT ...

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## Heme oxygenase-1-derived bilirubin counteracts HIV protease inhibitor-mediated endothelial cell dysfunction

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## Mitochondrial oxidative stress and dysfunction induced by isoniazid: study on isolated rat liver and brain mitochondria

<u>Mitochondrial oxidative stress and dysfunction induced by isoniazid: study</u> on isolated rat liver and brain mitochondria

# ... fat accumulation is associated with increased intramyocardial lipid content and duration of highly active antiretroviral therapy exposure in patients infected ...

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#### Mitochondrial dysfunction in chemotherapyinduced peripheral neuropathy (CIPN)

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## Mitochondrial DNA mutations in ageing and disease: implications for HIV?

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# ... function among hiv-1-uninfected men and women receiving emtricitabine-tenofovir disoproxil fumarate preexposure prophylaxis: A randomized clinical trial

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# A double-edged sword: does highly active antiretroviral therapy contribute to syphilis incidence by impairing immunity to Treponema pallidum?

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#### HIV and kidney: a dangerous liaison

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#### Human Immuno-Deficiency Virus Drug Resistance, Nuclesoide Reverse Transcriptase Inhibitors, Nonnuclesoide Reverse Transcriptase Inhibitors And ...

[HTML] <u>Human Immuno-Deficiency Virus Drug Resistance</u>, <u>Nuclesoide</u> <u>Reverse Transcriptase Inhibitors</u>, <u>Non-nuclesoide Reverse Transcriptase</u> <u>Inhibitors And ...</u>

### Plasma Cytochrome C Level As Biomarker For Monitoring Art-Induced Mitochondrial Toxicity

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#### **HIV** and aging

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## Complexities of gut microbiome dysbiosis in the context of HIV infection and antiretroviral therapy

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## Chronic inflammation and the role for cofactors (hepatitis C, drug abuse, antiretroviral drug toxicity, aging) in HAND persistence

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# Sources for Inflammation and Accelerated Aging in Well Controlled HIV Patients on Antiretroviral Therapy

<u>Sources for Inflammation and Accelerated Aging in Well Controlled HIV</u>
Patients on Antiretroviral Therapy

Protease inhibitor monotherapy for long-term management of HIV infection: a randomised, controlled, open-label, non-inferiority trial

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## Neurological and psychiatric adverse effects of antiretroviral drugs

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## Fecal Bacterial Communities in treated HIV infected individuals on two antiretroviral regimens

[HTML] <u>Fecal Bacterial Communities in treated HIV infected individuals on two antiretroviral regimens</u>

#### **HIV** associated sensory neuropathy

[HTML] HIV associated sensory neuropathy

## Differential body composition effects of protease inhibitors recommended for initial treatment of HIV infection: a randomized clinical trial

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## Trends in underlying causes of death in people with HIV from 1999 to 2011 (D: A: D): a multicohort collaboration

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### Impact of antiretroviral drugs on the microbiome: unknown answers to important questions

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#### A review of the toxicity of HIV medications

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Protease inhibitor monotherapy for long-term management of HIV infection: a randomised, controlled, open-label, non-inferiority trial

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## Long-term mortality in HIV-positive individuals virally suppressed for> 3 years with incomplete CD4 recovery

[HTML] <u>Long-term mortality in HIV-positive individuals virally suppressed</u> for> 3 years with incomplete CD4 recovery

# Cancer risk and use of protease inhibitor or nonnucleoside reverse transcriptase Inhibitor-Based combination antiretroviral therapy: The D: A: D study

<u>Cancer risk and use of protease inhibitor or nonnucleoside reverse</u> <u>transcriptase Inhibitor-Based combination antiretroviral therapy: The D: A:</u> <u>D study</u>

# Effects of HIV infection and ART on phenotype and function of circulating monocytes, natural killer, and innate lymphoid cells

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### ... and antibiotic resistance pattern of blood culture isolates from human immuno-deficiency virus (HIV) patients on highly active antiretroviral therapy (HAART) in ...

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### Morbidity and mortality in HIV-infected individuals--A shift towards comorbidities

[PDF] <u>Morbidity and mortality in HIV-infected individuals--A shift towards comorbidities</u>

## The effect of different combination therapies on oxidative stress markers in HIV infected patients in Cameroon

[HTML] <u>The effect of different combination therapies on oxidative stress</u> <u>markers in HIV infected patients in Cameroon</u>

# Anaerobic bacterial fermentation products increase tuberculosis risk in antiretroviral-drugtreated HIV patients

[HTML] <u>Anaerobic bacterial fermentation products increase tuberculosis risk in antiretroviral-drug-treated HIV patients</u>

#### Azidothymidin (AZT) und AIDS

http://www.ummafrapp.de/skandal/versch.%20Texte/H %E4ssig AZT und AIDS.pdf

#### Antiretroviral therapy related adverse effects: Can sub-Saharan Africa cope with the new "test and treat" policy of the World Health Organization?

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# Dynamic perturbations of the T-cell receptor repertoire in chronic HIV infection and following antiretroviral therapy

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# Changes in Bone Mineral Density, Body Composition, Vitamin D Status, and Mineral Metabolism in Urban HIV-Positive South African Women Over 12 Months ART adverse effects

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## Lifetime and recent alcohol use and bone mineral density in adults with HIV infection and substance dependence ART adverse effects

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# Associations between highly active antiretroviral therapy and the presence of HPV, premalignant and malignant cervical lesions in sub-Saharan Africa, a ......

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## ART influences HIV persistence in the female reproductive tract and cervicovaginal secretions

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#### Role of endoplasmic reticulum stress in druginduced toxicity

Role of endoplasmic reticulum stress in drug-induced toxicity

#### A review of the toxicity of HIV medications

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# An updated prediction model of the global risk of cardiovascular disease in HIV-positive persons: The Data-collection on Adverse Effects of Anti-HIV Drugs (D: A: D) ...

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### HIV protease inhibitors: a review of molecular selectivity and toxicity

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#### Role of endoplasmic reticulum stress in druginduced toxicity

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#### Renal effects of novel antiretroviral drugs

Renal effects of novel antiretroviral drugs

# Antiretrovirals and the kidney in current clinical practice: renal pharmacokinetics, alterations of renal function and renal toxicity

Antiretrovirals and the kidney in current clinical practice: renal pharmacokinetics, alterations of renal function and renal toxicity

## ART influences HIV persistence in the female reproductive tract and cervicovaginal secretions

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#### Hormonal Contraceptives Differentially Suppress TFV and TAF Inhibition of HIV Infection and TFV-DP in Blood and Genital Tract CD4+ T cells

[HTML] <u>Hormonal Contraceptives Differentially Suppress TFV and TAF</u> <u>Inhibition of HIV Infection and TFV-DP in Blood and Genital Tract CD4+ T</u> cells

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# Pattern of co-infection by enteric pathogenic parasites among HIV sero-positive individuals in a Tertiary Care Hospital, Mumbai, India

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# AIM2 inflammasome is activated by pharmacological disruption of nuclear envelope integrity

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## Lack of viral control and development of cART escape mutations in macaques after bone marrow transplantation

HTML] <u>Lack of viral control and development of cART escape mutations in macagues after bone marrow transplantation</u>

## Protease inhibitor monotherapy is associated with a higher level of monocyte activation, bacterial translocation and inflammation

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### Nevirapine-induced liver lipid-SER inclusions and other ultrastructural aberrations

[PDF] <u>Nevirapine-induced liver lipid-SER inclusions and other ultrastructural aberrations</u>

## Nucleoside reverse transcriptase inhibitors possess intrinsic anti-inflammatory activity

Nucleoside reverse transcriptase inhibitors possess intrinsic antiinflammatory activity

## Current topics in HIV pathogenesis, part 2: inflammation drives a Warburg-like effect on the metabolism of HIV-infected subjects

<u>Current topics in HIV pathogenesis, part 2: inflammation drives a Warburg-like effect on the metabolism of HIV-infected subjects</u>

## Attenuated resting memory B cell compartment in HIV infected children despite Highly Active Antiretroviral Therapy (HAART)

[HTML] <u>Attenuated resting memory B cell compartment in HIV infected children despite Highly Active Antiretroviral Therapy (HAART)</u>

### Premature and accelerated aging: HIV or HAART? [HTML] Premature and accelerated aging: HIV or HAART?

# A systematic review of side effects of nucleoside and nucleotide drugs used for treatment of chronic hepatitis B

[HTML] <u>A systematic review of side effects of nucleoside and nucleotide</u> <u>drugs used for treatment of chronic hepatitis B</u>

# Increased Nitroxidative Stress Promotes Mitochondrial Dysfunction in Alcoholic and Nonalcoholic Fatty Liver Disease

[PDF] <u>Increased nitroxidative stress promotes mitochondrial dysfunction in alcoholic and</u>

Increased tryptophan catabolism is associated with increased frequency of CD161+ Tc17/MAIT cells and lower CD4+ T-cell count in HIV-1 infected patients on cART ...

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### Hepatitis B and C Co-Infection among HIV-Infected Adults while on Antiretroviral Treatment: Long-Term Survival, CD4 Cell Count Recovery and Antiretroviral Toxicity in Cambodia

[HTML] <u>Hepatitis B and C co-infection among HIV-infected adults while on antiretroviral treatment: long-term survival, CD4 cell count recovery and antiretroviral ...</u>

# Associated factors with syphilis among human immunodeficiency virus-infected men who have sex with men in Taiwan in the era of combination antiretroviral therapy

[HTML] <u>Associated factors with syphilis among human immunodeficiency virus-infected men who have sex with men in Taiwan in the era of combination antiretroviral</u> ...

## HIV protease inhibitors in gut barrier dysfunction and liver injury

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### Evidence of Subclinical mtDNA Alterations in HIV-Infected Pregnant Women Receiving Combination Antiretroviral Therapy Compared to HIV-Negative Pregnant Women

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Prevalence, drug-induced hepatotoxicity, and mortality among patients multi-infected with HIV, tuberculosis, and hepatitis virus

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Drug interactions between antiretrovirals and new or emerging direct-acting antivirals in HIV/hepatitis C virus coinfection

<u>Drug interactions between antiretrovirals and new or emerging direct-</u> acting antivirals in HIV/hepatitis C virus coinfection

# Evolution of Hepatitis B Serological Markers in HIV-Infected Patients Receiving Highly Active Antiretroviral Therapy

[HTML] <u>Evolution of hepatitis B serological markers in HIV-infected patients</u> receiving highly active antiretroviral therapy

# Therapeutic Drug Monitoring and Pharmacogenetic Study of HIV-Infected Ethnic Chinese Receiving Efavirenz-Containing Antiretroviral Therapy with or without RifampicinBased Anti-Tuberculous Therapy

[HTML] <u>Therapeutic drug monitoring and pharmacogenetic study of HIV-infected ethnic Chinese receiving efavirenz-containing antiretroviral therapy with or without ...</u>

### HIV Protease Inhibitors Disrupt Lipid Metabolism by Activating Endoplasmic Reticulum Stress and Inhibiting Autophagy Activity in Adipocytes

[HTML] <u>HIV protease inhibitors disrupt lipid metabolism by activating endoplasmic reticulum stress and inhibiting autophagy activity in adipocytes</u>

### Efavirenz Induces Neuronal Autophagy and Mitochondrial Alterations

Efavirenz induces neuronal autophagy and mitochondrial alterations

### Antiretroviral therapy potentiates high-fat diet induced obesity and glucose intolerance

[HTML] <u>Antiretroviral therapy potentiates high-fat diet induced obesity and glucose intolerance</u>

#### Antiretroviral treatment with efavirenz disrupts the blood-brain barrier integrity and increases stroke severity

[HTML] <u>Antiretroviral treatment with efavirenz disrupts the blood-brain</u> barrier integrity and increases stroke severity

### Deficient phagocytosis among HIV-1 infected adults over time even in HAART setting

<u>Deficient phagocytosis among HIV-1 infected adults over time even in</u> HAART setting

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Mitotoxicity in distal symmetrical sensory peripheral neuropathies

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A 48-week study of fat molecular alterations in HIV naive patients starting tenofovir/emtricitabine with lopinavir/ritonavir or efavirenz

# Virological Response to Tenofovir Disoproxil Fumarate in HIV-Positive Patients with Lamivudine-Resistant Hepatitis B Virus Coinfection in an Area Hyperendemic for Hepatitis B Virus Infection

[HTML] <u>Virological Response to Tenofovir Disoproxil Fumarate in HIV-Positive Patients with Lamivudine-Resistant Hepatitis B Virus Coinfection in an Area</u> ...

#### Reduced bone mineral density among HIVinfected patients in Taiwan: Prevalence and associated factors

[HTML] <u>Reduced bone mineral density among HIV-infected patients in Taiwan: prevalence and associated factors</u>

# Compromising mitochondrial function with the antiretroviral drug efavirenz induces cell survival-promoting autophagy

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# Neuronal bioenergetics and acute mitochondrial dysfunction: a clue to understanding the central nervous system side effects of efavirenz

Neuronal bioenergetics and acute mitochondrial dysfunction: a clue to understanding the central nervous system side effects of efavirenz

#### Autophagy as a rescue mechanism in efavirenzinduced mitochondrial dysfunction: a lesson from hepatic cells

Autophagy as a rescue mechanism in efavirenz-induced mitochondrial dysfunction: a lesson from hepatic cells

### Differential Impact of Resistance-Associated Mutations to Protease Inhibitors and Nonnucleoside Reverse Transcriptase Inhibitors on HIV-1 Replication Capacity

<u>Differential impact of resistance-associated mutations to protease</u> <u>inhibitors and nonnucleoside reverse transcriptase inhibitors on HIV-1</u> <u>replication capacity</u>

### Prevalence of Integrase Strand Transfer Inhibitors (INSTI) Resistance Mutations in Taiwan

[HTML] <u>Prevalence of integrase strand transfer inhibitors (INSTI) resistance</u> mutations in Taiwan

### Aging and HIV/AIDS: pathogenetic role of therapeutic side effects

Aging and HIV/AIDS: pathogenetic role of therapeutic side effects

## Oxidative stress predicts All-Cause mortality in HIV-Infected patients

[HTML] Oxidative stress predicts All-Cause mortality in HIV-Infected patients

### Oxidative stress in HIV patients receiving antiretroviral therapy

Oxidative stress in HIV patients receiving antiretroviral therapy

## Oxidative Role of HIV/AIDS: Antiretroviral Drugs and Medicinal Plants with Anti-HIV Activity

[PDF] Oxidative Role of HIV/AIDS: Antiretroviral Drugs and Medicinal Plants with Anti-HIV Activity

## Immune recovery in HIV-infected patients after Candida esophagitis is impaired despite long-term antiretroviral therapy

[HTML] <u>Immune recovery in HIV-infected patients after Candida esophagitis is impaired despite long-term antiretroviral therapy</u>

# Mitochondrial DNA variation and changes in adiponectin and endothelial function in HIV-infected adults after antiretroviral therapy initiation

<u>Mitochondrial DNA variation and changes in adiponectin and endothelial</u> function in HIV-infected adults after antiretroviral therapy initiation

#### Premature and accelerated aging: HIV or HAART

[HTML] <u>Premature and accelerated aging: HIV or HAART?</u>

### Safety of protease inhibitors in HIV-infected pregnant women

[HTML] <u>Safety of protease inhibitors in HIV-infected pregnant women</u>

## Effect of Cumulating Exposure to Abacavir on the Risk of Cardiovascular Disease Events in Patients From the Swiss HIV Cohort Study

Effect of cumulating exposure to abacavir on the risk of cardiovascular disease events in patients from the Swiss HIV Cohort Study

## Virologically Suppressed HIV Patients Show Activation of NK Cells and Persistent Innate Immune Activation

<u>Virologically suppressed HIV patients show activation of NK cells and persistent innate immune activation</u>

### Hepatitis B virus treatment: Management of antiviral drug resistance

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## Drug interactions between antiretrovirals and new or emerging direct-acting antivirals in HIV/hepatitis C virus coinfection

<u>Drug interactions between antiretrovirals and new or emerging directacting antivirals in HIV/hepatitis C virus coinfection</u>

### Current Management of Hepatitis C Virus Infection in Patients With HIV Co-infection

<u>Current management of hepatitis C virus infection in patients with HIV co-infection</u>

## The roles of GSTM1 and GSTT1 null genotypes and other predictors in anti-tuberculosis druginduced liver injury

The roles of GSTM1 and GSTT1 null genotypes and other predictors in antituberculosis drug-induced liver injury

Effects of CYP2B6 and CYP1A2 Genetic Variation on Nevirapine Plasma concentration and Pharmacodynamics as Measured by CD4 Cell Count in Zimbabwean HIV-Infected Patients

Effects of CYP2B6 and CYP1A2 Genetic Variation on Nevirapine Plasma Concentration and Pharmacodynamics as Measured by CD4 Cell ...

# The effect of sexually transmitted co-infections on HIV viral load amongst individuals on antiretroviral therapy: a systematic review and meta-analysis

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### Paradoxes of adherence and drug resistance to HIV antiretroviral therapy

Paradoxes of adherence and drug resistance to HIV antiretroviral therapy

#### Adverse effects of antiretroviral treatment

[HTML] Adverse effects of antiretroviral treatment

### Antiretroviral Drug-Related Liver Mortality Among HIV-Positive Persons in the Absence of Hepatitis B or C Virus Coinfection: The Data Collection on Adverse Events of Anti-HIV Drugs Study

[HTML] <u>Antiretroviral drug-related liver mortality among HIV-positive persons in the absence of hepatitis B or C virus coinfection: the data collection on adverse events ...</u>

# Progression of liver fibrosis in HIV/hepatitis C virus-coinfected individuals on antiretroviral therapy with early stages of liver fibrosis at baseline

[HTML] <u>Progression of liver fibrosis in HIV/hepatitis C virus-coinfected individuals on antiretroviral therapy with early stages of liver fibrosis at baseline</u>

# Evaluation of Patterns of Liver Toxicity in Patients on Antiretroviral and Anti-Tuberculosis Drugs: A Prospective Four Arm Observational Study in Ethiopian Patients

[HTML] <u>Evaluation of patterns of liver toxicity in patients on antiretroviral and anti-tuberculosis drugs: a prospective four arm observational study in ethiopian patients</u>

#### **Drug-Induced Liver Injury**

**Drug-induced liver injury** 

# Persistent microbial translocation and immune activation in HIV-1-infected South Africans receiving combination antiretroviral therapy

<u>Persistent microbial translocation and immune activation in HIV-1-infected South</u> <u>Africans receiving combination antiretroviral therapy</u>

# Plasma levels of bacterial DNA correlate with immune activation and the magnitude of immune restoration in persons with antiretroviral-treated HIV infection

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## HIV protease inhibitors in gut barrier dysfunction and liver injury

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# Predictors of first-line antiretroviral therapy discontinuation due to drug-related adverse events in HIV-infected patients: a retrospective cohort study

[PDF] <u>Predictors of first-line antiretroviral therapy discontinuation due to drug-related adverse events in HIV-infected patients: a retrospective cohort study</u>

## Interferon-Containing and Interferon-Free HCV Therapy for HIV-Infected Patients

[HTML] <u>Interferon-containing and interferon-free HCV therapy for HIV-infected patients</u>

### Liver fibrosis progression despite HCV cure with antiviral therapy in HIV -HCV-coinfected patients

[HTML] <u>Liver fibrosis progression despite HCV cure with antiviral therapy in HIV-HCV-coinfected patients</u>

Antiretroviral therapy and sustained virological response to HCV therapy are associated with slower liver fibrosis progression in HIV-HCV-coinfected patients: study from the ANRS CO 13 H E PAV I H cohort

[PDF] <u>Antiretroviral therapy and sustained virological response to HCV therapy are associated with slower liver fibrosis progression in HIV-HCV-coinfected patients ...</u>

#### Association Between Antiretroviral Exposure and Renal Impairment Among HIV-Positive Persons With Normal Baseline Renal Function: the D:A:D Study<sup>a</sup>

[HTML] <u>Association between antiretroviral exposure and renal impairment among HIV-positive persons with normal baseline renal function: the D: A: D Studya</u>

## Prevalence, drug-induced hepatotoxicity, and mortality among patients multi-infected with HIV, tuberculosis, and hepatitis virus

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## Low Body Weight in Females Is a Risk Factor for Increased Tenofovir Exposure and Drug-Related Adverse Events

[HTML] <u>Low body weight in females is a risk factor for increased tenofovir exposure and drug-related adverse events</u>

# Efavirenz, tenofovir and emtricitabine combined with first-line tuberculosis treatment in tuberculosis-HIV-coinfected Tanzanian patients: a pharmacokinetic and safety study

[HTML] <u>Efavirenz</u>, <u>tenofovir</u> and <u>emtricitabine</u> <u>combined</u> <u>with first-line</u> <u>tuberculosis treatment in tuberculosis-HIV-coinfected Tanzanian patients:</u> <u>a pharmacokinetic</u>

#### Antiretroviral therapy: current drugs.

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## Drug interactions between antiretrovirals and new or emerging direct-acting antivirals in HIV/hepatitis C virus coinfection

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## Down-regulation of mitochondrial thymidine kinase 2 and deoxyguanosine kinase

Down-regulation of mitochondrial thymidine kinase 2 and deoxyguanosine kinase by didanosine: Implication for mitochondrial toxicities of anti-HIV nucleoside ...

## HIV protease inhibitors: a review of molecular selectivity and toxicity

[HTML] <u>HIV protease inhibitors: a review of molecular selectivity and toxicity</u>

Role of Mitochondria in HIV Infection and Associated Metabolic Disorders: Focus on Nonalcoholic Fatty Liver Disease and Lipodystrophy Syndrome

[PDF] Role of mitochondria in HIV infection and associated metabolic disorders: focus on nonalcoholic fatty liver disease and lipodystrophy syndrome

# The effect of sexually transmitted co-infections on HIV viral load amongst individuals on antiretroviral therapy: a systematic review and meta-analysis

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Hepatitis B and C Co-Infection among HIV-Infected Adults while on Antiretroviral Treatment: Long-Term Survival, CD4 Cell Count Recovery and Antiretroviral Toxicity in Cambodia

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## Anti-retroviral therapy and incidence of adverse drug reactions among cohort of Malaysian HIV/AIDS patients

[PDF] <u>Anti-retroviral therapy and incidence of adverse drug reactions among cohort of Malaysian HIV/AIDS patients</u>

#### Update of the Drug Resistance Mutations in HIV-1: March 2013

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## Suppression of HBV by Tenofovir in HBV/HIV Coinfected Patients: A Systematic Review and Meta-Analysis

[HTML] <u>Suppression of HBV by tenofovir in HBV/HIV coinfected patients: a systematic review and meta-analysis</u>

# A Phase III Comparative Study of the Efficacy and Tolerability of Three Non-Nucleoside Reverse Transcriptase Inhibitor-Sparing Antiretroviral Regimens for Treatment-Naïve HIV-1-Infected Volunteers: A Randomized, Controlled Trial

[HTML] <u>A Phase III comparative study of the efficacy and tolerability of three non-nucleoside reverse transcriptase inhibitor-sparing antiretroviral regimens for ...</u>

# Is there continued evidence for an association between abacavir usage and myocardial infarction risk in individuals with HIV? A cohort collaboration

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## Effect of Cumulating Exposure to Abacavir on the Risk of Cardiovascular Disease Events in Patients From the Swiss HIV Cohort Study

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# Genital Epstein Barr Virus is associated with higher prevalence and persistence of anal human papillomavirus in HIV-infected men on antiretroviral therapy

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### Current Management of Hepatitis C Virus Infection in Patients with HIV Co-infection

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Overexpression of mitochondrial antioxidant manganese superoxide dismutase (MnSOD) provides protection against AZT- or 3TC-induced endothelial dysfunction.

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## The effect of different combination therapies on oxidative stress markers in HIV infected patients in Cameroon

[PDF] <u>The effect of different combination therapies on oxidative stress</u> <u>markers in HIV infected patients in Cameroon</u>

# Cancer risk in the Swiss HIV Cohort Study: associations with immunodeficiency, smoking, and highly active antiretroviral therapy

[HTML] <u>Cancer risk in the Swiss HIV Cohort Study: associations with immunodeficiency, smoking, and highly active antiretroviral therapy</u>

# The natural killer cell interferon-gamma response to bacteria is diminished in untreated HIV-1 infection and defects persist despite viral suppression

[HTML] <u>The natural killer cell interferon-gamma response to bacteria is diminished in untreated HIV-1 infection and defects persist despite viral suppression</u>

# Changes in HIV-1 subtypes B and C genital tract RNA in women and men after initiation of antiretroviral therapy

[HTML] <u>Changes in HIV-1 subtypes B and C genital tract RNA in women and men after initiation of antiretroviral therapy</u>

# A prospective observational study of adverse drug reactions to antiretroviral therapy: type and risk factors in a tertiary care teaching hospital

A prospective observational study of adverse drug reactions to antiretroviral therapy: type and risk factors in a tertiary care teaching hospital

Current pattern of adverse drug reactions to antiretroviral therapy in an antiretroviral therapy centre attached to a government medical college of Maharashtra. India: a ...

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## Neurotoxicity in the post-HAART era: caution for the antiretroviral therapeutics

Neurotoxicity in the post-HAART era: caution for the antiretroviral therapeutics

## Adverse effects of antiretroviral therapy on liver hepatocytes and endothelium in HIV patients: an ultrastructural perspective

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#### Evidence of Subclinical mtDNA Alterations in HIV-Infected Pregnant Women Receiving Combination Antiretroviral Therapy Compared to HIV-Negative Pregnant Women

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#### HIV Protease Inhibitors Disrupt Lipid Metabolism by Activating Endoplasmic Reticulum Stress and Inhibiting Autophagy Activity in Adipocytes

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### Efavirenz Induces Neuronal Autophagy and Mitochondrial Alterations

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# Adjudicated morbidity and mortality outcomes by age among individuals with HIV infection on suppressive antiretroviral therapy

[HTML] <u>Adjudicated morbidity and mortality outcomes by age among individuals with HIV infection on suppressive antiretroviral therapy</u>

# HIV-induced alteration in gut microbiota: driving factors, consequences, and effects of antiretroviral therapy

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### Aging and HIV/AIDS: pathogenetic role of therapeutic side effects

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## Long-term mortality in HIV-positive individuals virally suppressed for> 3 years with incomplete CD4 recovery

[HTML] <u>Long-term mortality in HIV-positive individuals virally suppressed</u> for> 3 years with incomplete CD4 recovery

# Opportunistic infections and AIDS malignancies early after initiating combination antiretroviral therapy in high-income countries

[HTML] <u>Opportunistic infections and AIDS malignancies early after initiating combination antiretroviral therapy in high-income countries</u>

#### Epstein-Barr Virus-and Kaposi Sarcoma-Associated Herpesvirus-Related Malignancies in the Setting of Human Immunodeficiency Virus Infection

<u>Epstein-Barr Virus-and Kaposi Sarcoma-Associated Herpesvirus-Related</u>
Malignancies in the Setting of Human Immunodeficiency Virus Infection

# Distribution of intestinal parasite in people living with HIV/AIDS of different care centre of Pokhara Valley, Nepal

[PDF] <u>Distribution of intestinal parasite in people living with HIV/AIDS of</u> different care centre of Pokhara Valley, Nepal

# Pattern of co-infection by enteric pathogenic parasites among HIV sero-positive individuals in a Tertiary Care Hospital, Mumbai, India

[HTML] <u>Pattern of co-infection by enteric pathogenic parasites among HIV sero-positive individuals in a Tertiary Care Hospital, Mumbai, India</u>

# Down-regulation of mitochondrial thymidine kinase 2 and deoxyguanosine kinase by didanosine: Implication for mitochondrial toxicities of anti-HIV nucleoside ...

<u>Down-regulation of mitochondrial thymidine kinase 2 and deoxyguanosine kinase by didanosine: Implication for mitochondrial toxicities of anti-HIV nucleoside ...</u>

#### Could antiretroviral neurotoxicity play a role in the pathogenesis of cognitive impairment in treated HIV disease?

<u>Could antiretroviral neurotoxicity play a role in the pathogenesis of cognitive impairment in treated HIV disease?</u>

## Persistent Peripheral Nervous System Damage in Simian Immunodeficiency Virus—Infected Macaques Receiving Antiretroviral Therapy

Persistent Peripheral Nervous System Damage in Simian Immunodeficiency Virus
—Infected Macagues Receiving Antiretroviral Therapy

### Antiretroviral drugs induce oxidative stress and neuronal damage in the central nervous system

HTML] <u>Antiretroviral drugs induce oxidative stress and neuronal damage in the central nervous system</u>

# Bone density, microarchitecture, and tissue quality after long-term treatment with tenofovir/emtricitabine or abacavir/lamivudine c ART adverse effects

Bone density, microarchitecture, and tissue quality after long-term treatment with tenofovir/emtricitabine or abacavir/lamivudine

### Clinical Experience with the Integrase Inhibitors Dolutegravir and Elvitegravir in Hiv-infected Patients: Efficacy, Safety and Tolerance

<u>Clinical Experience with the Integrase Inhibitors Dolutegravir and Elvitegravir in Hiv-infected Patients: Efficacy, Safety and Tolerance</u>

# Zidovudine/Lamivudine vs. Abacavir/Lamivudine vs. Tenofovir/Emtricitabine in fixed-dose combinations as initial treatment for HIV patients: a systematic ...

[HTML] <u>Zidovudine/Lamivudine vs. Abacavir/Lamivudine vs.</u>
<u>Tenofovir/Emtricitabine in fixed-dose combinations as initial treatment for HIV patients: a systematic ...</u>

#### Combined Medication of Antiretroviral Drugs Tenofovir Disoproxil Fumarate, Emtricitabine, and Raltegravir Reduces Neural Progenitor Cell Proliferation In ...

[HTML] <u>Combined Medication of Antiretroviral Drugs Tenofovir Disoproxil</u> <u>Fumarate, Emtricitabine, and Raltegravir Reduces Neural Progenitor Cell</u> <u>Proliferation In ...</u>

## Effect of the Anti-retroviral Drugs Efavirenz, Tenofovir and Emtricitabine on Endothelial Cell Function: Role of PARP ART adverse effects

<u>Effect of the Anti-retroviral Drugs Efavirenz, Tenofovir and Emtricitabine on</u> Endothelial Cell Function: Role of PARP ART adverse effects

# Patient-Reported Symptoms Over 48 Weeks Among Participants in Randomized, Double-Blind, Phase III Non-inferiority Trials of Adults with HIV on Co ... cART adverse effects

[HTML] <u>Patient-Reported Symptoms Over 48 Weeks Among Participants in Randomized, Double-Blind, Phase III Non-inferiority Trials of Adults with HIV on Co ... cART adverse effects</u>

#### Immune therapy for human papillomavirusesrelated cancers

HTML] Immune therapy for human papillomaviruses-related cancers

Associations between highly active antiretroviral therapy and the presence of HPV, premalignant and malignant cervical lesions in sub-Saharan Africa, a ......

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## HIV protease inhibitors in gut barrier dysfunction and liver injury

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### Antiretroviral drugs induce oxidative stress and neuronal damage in the central nervous system

HTML] <u>Antiretroviral drugs induce oxidative stress and neuronal damage in the central nervous system</u>

# Trends in reported AIDS defining illnesses (ADIs) among participants in a universal antiretroviral therapy program: an observational study

[HTML] <u>Trends in reported AIDS defining illnesses (ADIs) among</u>
<u>participants in a universal antiretroviral therapy program: an observational study</u>

# Increased tryptophan catabolism is associated with increased frequency of CD161+ Tc17/MAIT cells and lower CD4+ T-cell count in HIV-1 infected patients on cART ...

Increased tryptophan catabolism is associated with increased frequency of CD161+ Tc17/MAIT cells and lower CD4+ T-cell count in HIV-1 infected patients on cART ...

# Frequencies of circulating MAIT cells are diminished in chronic HCV, HIV and HCV/HIV coinfection and do not recover during therapy

[HTML] <u>Frequencies of circulating MAIT cells are diminished in chronic</u> HCV, HIV and HCV/HIV co-infection and do not recover during therapy

### ... and antibiotic resistance pattern of blood culture isolates from human immuno-deficiency virus (HIV) patients on highly active antiretroviral therapy (HAART) in ...

[PDF] ... and antibiotic resistance pattern of blood culture isolates from human immuno-deficiency virus (HIV) patients on highly active anti-retroviral therapy (HAART) in ...

# Sources for Inflammation and Accelerated Aging in Well Controlled HIV Patients on Antiretroviral Therapy

[PDF] <u>Sources for Inflammation and Accelerated Aging in Well Controlled HIV Patients on Antiretroviral Therapy</u>

## Effects of HIV infection and ART on phenotype and function of circulating monocytes, natural killer, and innate lymphoid cells

[HTML] <u>Effects of HIV infection and ART on phenotype and function of circulating monocytes, natural killer, and innate lymphoid cells</u>

#### Evidence for polymicrobic flora translocating in peripheral blood of HIV-infected patients with poor immune response to antiretroviral therapy

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## Dysbiosis of the gut microbiota is associated with HIV disease progression and tryptophan catabolism

<u>Dysbiosis of the gut microbiota is associated with HIV disease progression</u> and tryptophan catabolism

## Gut Lactobacillales are associated with higher CD4 and less microbial translocation during HIV infection

[HTML] <u>Gut Lactobacillales are associated with higher CD4 and less microbial translocation during HIV infection</u>

### The gut microbiome in human immunodeficiency virus infection

[HTML] The gut microbiome in human immunodeficiency virus infection

## Alterations in the gut microbiota of patients with acquired immune deficiency syndrome

Alterations in the gut microbiota of patients with acquired immune deficiency syndrome

## HIV-induced immunosuppression is associated with colonization of the proximal gut by environmental bacteria

[HTML] <u>HIV-induced immunosuppression is associated with colonization of the proximal gut by environmental bacteria</u>

## Gut barrier structure, mucosal immunity and intestinal microbiota in the pathogenesis and treatment of HIV infection

# Alterations in the fecal microbiota of patients with HIV-1 infection: an observational study in a Chinese population

[HTML] <u>Alterations in the fecal microbiota of patients with HIV-1 infection: an observational study in a Chinese population</u>

### Microbial translocation and microbiome dsybiosis in HIV-associated immune activation

[HTML] <u>Microbial translocation and microbiome dsybiosis in HIV-associated immune activation</u>

## Gut mucosal barrier dysfunction, microbial dysbiosis, and their role in HIV-1 disease progression

Gut mucosal barrier dysfunction, microbial dysbiosis, and their role in HIV-1 disease progression

# Fecal Bacterial Communities in treated HIV infected individuals on two antiretroviral regimens

[HTML] <u>Fecal Bacterial Communities in treated HIV infected individuals on two antiretroviral regimens</u>

# Human papillomavirus-associated anal and cervical cancers in HIV-infected individuals: incidence and prevention in the antiretroviral therapy era. Okok. ART doesn't work

HTML] <u>Human papillomavirus-associated anal and cervical cancers in HIV-infected individuals: incidence and prevention in the antiretroviral therapy era.</u> Okok. ART doesn't work

# ... and adverse clinical impact of human immunodeficiency virus-associated sensory neuropathy in the era of combination antiretroviral therapy: the CHARTER Study

... and adverse clinical impact of human immunodeficiency virusassociated sensory neuropathy in the era of combination antiretroviral therapy: the CHARTER Study

#### HIV-associated distal sensory polyneuropathy in the era of highly active antiretroviral therapy: the Manhattan HIV Brain Bank

<u>HIV-associated distal sensory polyneuropathy in the era of highly active</u> antiretroviral therapy: the Manhattan HIV Brain Bank

## Evolution of sensory neuropathy after initiation of antiretroviral therapy

Evolution of sensory neuropathy after initiation of antiretroviral therapy

# Predictors of new onset distal neuropathic pain in HIV-infected individuals in the era of combination antiretroviral therapy

[HTML] <u>Predictors of new onset distal neuropathic pain in HIV-infected</u> individuals in the era of combination antiretroviral therapy

## Neurologic Complications of HIV Infection in the Era of Antiretroviral Therapy

[HTML] <u>Neurologic Complications of HIV Infection in the Era of Antiretroviral Therapy</u>

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Immunodeficiency Virus—Infected Macaques Receiving Antiretroviral
Therapy

#### Peripheral neuropathy in HIV patients in sub-Saharan Africa failing first-line therapy and the response to second-line ART in the EARNEST trial

<u>Peripheral neuropathy in HIV patients in sub-Saharan Africa failing first-line therapy and the response to second-line ART in the EARNEST trial</u>

### Adverse drug reactions associated with antiretroviral therapy in South Africa

Adverse drug reactions associated with antiretroviral therapy in South
Africa

### Peripheral neuropathy in persons with tuberculosis

[HTML] Peripheral neuropathy in persons with tuberculosis

### **Evaluation of Adverse Drug Reaction Profile of Drugs Used as First-Line Antiretroviral Therapy**

<u>Evaluation of Adverse Drug Reaction Profile of Drugs Used as First-Line</u> Antiretroviral Therapy

# Relationships between Adipose Mitochondrial Function, Serum Adiponectin, and Insulin Resistance in Persons With HIV After 96 Weeks of Antiretroviral Therapy

Relationships Between Adipose Mitochondrial Function, Serum

Adiponectin, and Insulin Resistance in Persons With HIV After 96 Weeks of

Antiretroviral Therapy

# High prevalence of dyslipidemia and insulin resistance in HIV-infected pre-pubertal African children on antiretroviral therapy

[HTML] <u>High prevalence of dyslipidemia and insulin resistance in HIV-infected pre-pubertal African children on antiretroviral therapy</u>

## Impact of antiretroviral therapy on lipid metabolism of human immunodeficiency virus-infected patients: Old and new drugs

[HTML] <u>Impact of antiretroviral therapy on lipid metabolism of human immunodeficiency virus-infected patients: Old and new drugs</u>

# High prevalence of low bone mineral density and substantial bone loss over 4 years among HIV-infected persons in the era of modern antiretroviral therapy

<u>High prevalence of low bone mineral density and substantial bone loss</u> <u>over 4 years among HIV-infected persons in the era of modern</u> <u>antiretroviral therapy</u>

## Effect of antiretroviral therapy on bone turnover and bone mineral density in men with primary HIV-1 infection

[HTML] <u>Effect of antiretroviral therapy on bone turnover and bone mineral density in men with primary HIV-1 infection</u>

### Role of T-cell reconstitution in HIV-1 antiretroviral therapy-induced bone loss

[HTML] Role of T-cell reconstitution in HIV-1 antiretroviral therapy-induced bone loss

## Associations between antiretroviral use and subclinical coronary atherosclerosis

[HTML] <u>Associations between antiretroviral use and subclinical coronary</u> atherosclerosis

## Antiretroviral Drugs Associated with Subclinical Coronary Artery Disease.

[PDF] <u>Antiretroviral Drugs Associated with Subclinical Coronary Artery Disease.</u>

# A review of the efficacy and safety of Genvoya® (elvitegravir, cobicistat, emtricitabine, and tenofovir alafenamide) in the Management of HIV-1 infection

A review of the efficacy and safety of Genvoya® (elvitegravir, cobicistat, emtricitabine, and tenofovir alafenamide) in the Management of HIV-1 infection

# Higher rates of neuropsychiatric adverse events leading to dolutegravir discontinuation in women and older patients

<u>Higher rates of neuropsychiatric adverse events leading to dolutegravir discontinuation in women and older patients</u>

### Chronic kidney disease and antiretroviral therapy in HIV-positive individuals: recent developments

<u>Chronic kidney disease and antiretroviral therapy in HIV-positive individuals:</u> <u>recent developments</u>

# Woman Health, Pregnancy, Antibiotics and "HIV-Transmission"

A question for women's health: chemicals in feminine hygiene products and personal lubricants

[HTML] <u>A question for women's health: chemicals in feminine hygiene products and personal lubricants</u>

The effect of wearing sanitary napkins of different thicknesses on physiological and psychological responses in Muslim females

[HTML] The effect of wearing sanitary napkins of different thicknesses on physiological and psychological responses in Muslim females

## Role of female intimate hygiene in vulvovaginal health: Global hygiene practices and product usage

Role of female intimate hygiene in vulvovaginal health: Global hygiene practices and product usage

#### The reproductive ecology of iron in women

The reproductive ecology of iron in women

## Cross-sectional study of genital, rectal, and pharyngeal Chlamydia and gonorrhea in women in rural South Africa

<u>Cross-sectional study of genital, rectal, and pharyngeal Chlamydia and gonorrhea in women in rural South Africa o.k.</u>

### Frequent genital HSV-2 shedding among women during labor in Soweto, South Africa

<u>Frequent genital HSV-2 shedding among women during labor in Soweto,</u> <u>South Africa o.k.</u>

### A cross sectional study on awareness about menstrual hygiene among rural women

[PDF] <u>A cross sectional study on awareness about menstrual hygiene among rural women</u>

#### Beyond malaria—causes of fever in outpatient Tanzanian children

HTML] Beyond malaria—causes of fever in outpatient Tanzanian children

### METRONIDAZOLE TO PREVENT PRETERM DELIVERY IN PREGNANT WOMEN WITH ASYMPTOMATIC BACTERIAL VAGINOSIS

[HTML] <u>Metronidazole to prevent preterm delivery in pregnant women with asymptomatic bacterial vaginosis</u>

#### The Placenta as a Barrier to Viral Infections

http://www.annualreviews.org/doi/abs/10.1146/annurev-virology-031413-085524?journalCode=virology

## The contribution of maternal HIV seroconversion during late pregnancy and breastfeeding to mother-to-child transmission of HIV

[HTML] <u>The contribution of maternal HIV seroconversion during late pregnancy and breastfeeding to mother-to-child transmission of HIV</u>

### Mitochondrial Toxicity in Human Pregnancy: An Update on Clinical and Experimental Approaches in the Last 10 Years

[HTML] <u>Mitochondrial toxicity in human pregnancy: an update on clinical and experimental approaches in the last 10 years</u>

### Antibiotics for preventing recurrent urinary tract infection in non-pregnant women (Review)

Antibiotics for preventing recurrent urinary tract infection in non-pregnant women

### Oral contraceptive efficacy and antibiotic interaction: A myth debunked

Oral contraceptive efficacy and antibiotic interaction: a myth debunked

#### **DRUGS IN PREGNANCY**

Drugs in pregnancy

## Interventions for treating genital chlamydia trachomatis infection in pregnancy (Review)

<u>Interventions for treating genital chlamydia trachomatis infection in pregnancy</u>

# Prophylactic antibiotic administration during second and third trimester in pregnancy for preventing infectious morbidity and mortality (Review)

<u>Prophylactic antibiotic administration during second and third trimester in pregnancy for preventing infectious morbidity and mortality</u>

#### HOSPITAL BASED STUDY FOR ASYMPTOMATIC BACTERIURIA IN PREGNANT WOMEN

[PDF] <u>Hospital based study for asymptomatic bacteriuria in pregnant</u> women

### ASSESSMENT OF DRUG UTILIZATION PATTERN DURING PREGNANCY IN ADAMA RIFERRAL HOSPITAL, OROMIA REGION, ETHIOPIA

Assessment of drug utilization pattern during pregnancy in Adama Riferral Hospital, Oromia Region, Ethiopia

#### Antibiotics for Bacterial Vaginosis or Trichomonas vaginalis in Pregnancy: A Systematic Review

<u>Antibiotics for bacterial vaginosis or Trichomonas vaginalis in pregnancy: a systematic review</u>

#### Evaluation Of Committee On Safety of Medicines Yellow card reports on Oral contraceptive-drug Interactions with anti-Convulsants and antibiotics

<u>Evaluation of Committee on Safety of Medicines yellow card reports on oral contraceptive-drug interactions with anticonvulsants and antibiotics.</u>

## Interventions for treating genital chlamydia trachomatis infection in pregnancy (Review)

<u>Treatment of toxoplasmosis during pregnancy: a multicenter study of impact on fetal transmission</u>

#### **Urinary Tract Infections During Pregnancy**

[HTML] <u>Urinary tract infection in pregnancy</u>

### Asymptomatic bacteriuria and symptomatic urinary tract infections in pregnancy

Asymptomatic bacteriuria and symptomatic urinary tract infections in pregnancy

### FAILURE OF METRONIDAZOLE TO PREVENT PRETERM DELIVERY AMONG PREGNANT WOMEN

# WITH ASYMPTOMATIC TRICHOMONAS VAGINALIS INFECTION THE PRENATAL USE OF ANTIBIOTICS AND THE DEVELOPMENT OF ALLERGIC DISEASE IN ONE YEAR OLD INFANTS. A PRELIMINARY STUDY

[HTML] <u>Failure of Metronidazole to Prevent Preterm Delivery among</u>
<u>Pregnant Women with Asymptomatic Trichomonas vaginalis Infection</u>

## Treatment of toxoplasmosis during pregnancy: a multicenter study of impact on fetal transmission and children's sequelae at age 1 year

<u>Treatment of toxoplasmosis during pregnancy: a multicenter study of impact on fetal transmission and children's sequelae at age 1 year</u>

### Association between Preterm Birth and Vaginal Colonization by Mycoplasmas in Early Pregnancy

Association between preterm birth and vaginal colonization by mycoplasmas in early pregnancy

#### **Urinary tract infections in pregnancy**

Urinary tract infections in pregnancy

## Pregnancy Outcome Following Gestational Exposure to Fluoroquinolones: a Multicenter Prospective Controlled Study

<u>Pregnancy outcome following gestational exposure to fluoroquinolones: a multicenter prospective controlled study</u>

### **Tetracycline Toxicity in Pregnancy Liver and Pancreatic Dysfunction**

<u>Tetracycline toxicity in pregnancy: liver and pancreatic dysfunction</u>

### Pregnancy outcome following gestational exposure to azithromycin

Tetracycline toxicity in pregnancy: liver and pancreatic dysfunction

#### **Sepsis during pregnancy**

#### Sepsis during pregnancy

# Association of Ureaplasma urealyticum biovars with clinical outcome for neonates, obstetric patients, and gynecological patients with pelvic inflammatory disease

Association of Ureaplasma urealyticum biovars with clinical outcome for neonates, obstetric patients, and gynecological patients with pelvic inflammatory disease.

#### **Antibacterial Medication Use During Pregnancy and Risk of Birth Defects**

[PDF] <u>Antibacterial medication use during pregnancy and risk of birth</u> defects: National Birth Defects Prevention Study

#### Maternal syphilis: pathophysiology and treatment

[HTML] Maternal syphilis: pathophysiology and treatment

## Caesarean delivery rates and pregnancy outcomes: the 2005 WHO global survey on maternal and perinatal health in Latin America

<u>Caesarean delivery rates and pregnancy outcomes: the 2005 WHO global survey on maternal and perinatal health in Latin America</u>

## Autism After Infection, Febrile Episodes, and Antibiotic Use During Pregnancy: An Exploratory Study

[PDF] <u>Autism after infection, febrile episodes, and antibiotic use during pregnancy: an exploratory study</u>

### Antibiotic resistance patterns of group streptococci in pregnant women.

Antibiotic resistance patterns of group B streptococci in pregnant women.

### Ureaplasma urealyticum intrauterine infection: role in prematurity and disease in newborns

<u>Ureaplasma urealyticum intrauterine infection: role in prematurity and disease in newborns.</u>

### Management of *Toxoplasma gondii* Infection during Pregnancy

Antibiotics for treating bacterial vaginosis in pregnancy

# Prescription drug use among fathers and mothers before and during pregnancy. A population-based cohort study of 106 000 pregnancies in Norway 2004-2006

[HTML] <u>Prescription drug use among fathers and mothers before and during pregnancy</u>. A population-based cohort study of 106 000 pregnancies in Norway 2004 ...

### Syphilis in Pregnancy in Tanzania. I. Impact of Maternal Syphilis on Outcome of Pregnancy

Syphilis in pregnancy in Tanzania. I. Impact of maternal syphilis on outcome of pregnancy

## Epidemiology of urinary tract infections and antibiotics sensitivity among pregnant women at Khartoum North Hospital

[HTML] <u>Epidemiology of urinary tract infections and antibiotics sensitivity</u> <u>among pregnant women at Khartoum North Hospital</u>

#### Pharmacokinetics in pregnancy

#### Pharmacokinetics in pregnancy

### Antibiotic failure in the treatment of urinary tract infections in young women

Antibiotic failure in the treatment of urinary tract infections in young women

### Genital flora in pregnancy and its association with intrauterine growth retardation

Genital flora in pregnancy and its association with intrauterine growth retardation.

#### **Antibiotics in Pregnancy: Are They Safe?**

[HTML] Antibiotics in pregnancy: are they safe?

## Antimicrobial resistance in urinary bacterial isolates from pregnant women in rural Tanzania: Implications for public health

<u>Antimicrobial resistance in urinary bacterial isolates from pregnant women in rural Tanzania: implications for public health</u>

# Predictors and Outcomes for Pregnant Women with Vaginal-Rectal Carriage of Community-Associated Methicillin-Resistant Staphylococcus aureus

[PDF] <u>Predictors and outcomes for pregnant women with vaginal-rectal</u> carriage of community-

### Azithromycin-chloroquine and the intermittent preventive treatment of malaria in pregnancy

[HTML] <u>Azithromycin-chloroquine and the intermittent preventive treatment of malaria in pregnancy</u>

### Placental Mitochondrial Dysfunction in relation to preterm delivery in HIV pregnancy

[HTML] <u>Placental Mitochondrial Dysfunction in relation to preterm delivery in HIV pregnancy</u>

#### Prevalence and antibiotic susceptibility of Mycoplasma hominis and Ureaplasma urealyticum in pregnant women

[HTML] <u>Prevalence and Antibiotic Susceptibility of Mycoplasma hominis and Ureaplasma urealyticum in Pregnant Women</u>

### Could peripartum antibiotics have delayed health consequences for the infant?

[HTML] <u>Could peripartum antibiotics have delayed health consequences</u> for the infant?

#### Acquired Antibiotic Resistance: Are We Born with It?

Acquired antibiotic resistance: are we born with it?

### Effect of maternal antibiotics on breast feeding infants

Effect of maternal antibiotics on breast feeding infants

# Delivery mode shapes the acquisition and structure of the initial microbiota across multiple body habitats in newborns

<u>Delivery mode shapes the acquisition and structure of the initial microbiota across multiple body habitats in newborns</u>

### Antibiotic Resistance Patterns Of Group B Streptococciln Pregnant Women

Antibiotic resistance patterns of group B streptococci in pregnant women.

## Mother-to-Child HIV-1 Transmission Events Are Differentially Impacted by Breast Milk and Its Components from HIV-1-Infected Women

HTML] <u>Mother-to-Child HIV-1 Transmission Events Are Differentially</u> <u>Impacted by Breast Milk and Its Components from HIV-1-Infected Women</u>

### Diet and host-microbial crosstalk in postnatal intestinal immune homeostasis

<u>Diet and host-microbial crosstalk in postnatal intestinal immune</u> homeostasis

### Antiretroviral therapy and adverse pregnancy outcome: the elephant in the room?

Antiretroviral therapy and adverse pregnancy outcome: the elephant in the room?

### Perinatal Programming of Asthma: The Role of Gut Microbiota

Perinatal programming of asthma: the role of gut microbiota

# Long-Term Safety and Impact on Infection Rates of Postnatal Probiotic and Prebiotic (Synbiotic) Treatment: Randomized, Double-Blind, Placebo-Controlled Trial

Long-term safety and impact on infection rates of postnatal probiotic and prebiotic (synbiotic) treatment: randomized, double-blind, placebo-controlled trial

## Establishment and development of lactic acid bacteria and bifidobacteria microbiota in breastmilk and the infant gut

Long-term safety and impact on infection rates of postnatal probiotic and prebiotic (synbiotic) treatment: randomized, double-blind, placebocontrolled trial

## Identification and H<sub>2</sub>O<sub>2</sub> Production of Vaginal Lactobacilli from Pregnant Women at High Risk of Preterm Birth and Relation with Outcome

<u>Identification and H2O2 production of vaginal lactobacilli from pregnant women at high risk of preterm birth and relation with outcome</u>

#### Perinatal nutrition and immunity to infection

Perinatal nutrition and immunity to infection

### Prenatal undernutrition, postnatal environments, and antibody response to vaccination in adolescence

<u>Prenatal undernutrition, postnatal environments, and antibody response to vaccination in adolescence</u>

### Vitamin profile of pregnant women living with HIV/AIDS

Vitamin profile of pregnant women living with HIV/AIDS

#### Loss of Passively Acquired Maternal Antibodies in Highly Vaccinated Populations: An Emerging Need to Define the Ontogeny of Infant Immune Responses

Loss of passively acquired maternal antibodies in highly vaccinated populations: an emerging need to define the ontogeny of infant immune responses

### The Rationale for Probiotics Improving Reproductive Health and Pregnancy Outcome

The rationale for probiotics improving reproductive health and pregnancy outcome

## Randomised trial of effects of vitamin supplements on pregnancy outcomes and T cell counts in HIV-1-infected women in Tanzania

http://www.thelancet.com/journals/lancet/article/PIIS0140-6736%2898%2904197-X/abstract

#### The Interaction between Nutrition and Infection

The interaction between nutrition and infection

### A Randomized Trial of Multivitamin Supplements and HIV Disease Progression and Mortality

[HTML] <u>A randomized trial of multivitamin supplements and HIV disease progression and mortality</u>

# HIV protease inhibitor use during pregnancy is associated with decreased progesterone levels, suggesting a potential mechanism contributing to fetal growth ...

HIV protease inhibitor use during pregnancy is associated with decreased progesterone levels, suggesting a potential mechanism contributing to fetal growth ...

#### Prenatal Undernutrition and Postnatal Growth Are Associated with Adolescent Thymic Function

<u>Prenatal undernutrition and postnatal growth are associated with adolescent thymic function</u>

#### **Pregnancy, Nutrition and Parasitic Diseases**

Pregnancy, nutrition and parasitic diseases

#### Predictors of Early Mortality in a Cohort of Human Immunodeficiency Virus Type 1-Infected African Children

HTML] <u>Predictors of early mortality in a cohort of human immunodeficiency virus type 1-infected African children</u>

#### Maternal vitamin A deficiency and mother-tochild transmission of HIV-1 swichtig

Maternal vitamin A deficiency and mother-to-child transmission of HIV-1

# Vitamin A Deficiency and Other Nutritional Indices During Pregnancy in Human Immunodeficiency Virus Infection: Prevalence, Clinical Correlates, and Outcome

Vitamin A deficiency and other nutritional indices during pregnancy in human immunodeficiency virus infection: prevalence, clinical correlates, and outcome

Vitamin A Deficiency and Other Nutritional Indices During Pregnancy in Human Immunodeficiency Virus Infection:

<u>Vitamin A deficiency and other nutritional indices during pregnancy in human immunodeficiency virus infection: prevalence, clinical correlates, and outcome</u>

### Nutrition in pregnancy: mineral and vitamin supplements

Nutrition in pregnancy: mineral and vitamin supplements

#### Antenatal Vitamin A Supplementation Increases Birth Weight and Decreases Anemia among Infants Born to Human Immunodeficiency Virus-Infected Women in Malawi

Antenatal vitamin A supplementation increases birth weight and decreases anemia among infants born to human immunodeficiency virus-infected women in Malawi

#### Perinatal Outcomes, Including Mother-to-Child Transmission of HIV, and Child Mortality and Their Association with Maternal Vitamin D Status in Tanzania

Perinatal outcomes, including mother-to-child transmission of HIV, and child mortality and their association with maternal vitamin D status in Tanzania

## Nutritional indicators of adverse pregnancy outcomes and mother-to-child transmission of HIV among HIV-infected women

<u>Nutritional indicators of adverse pregnancy outcomes and mother-to-child</u> transmission of HIV among HIV-infected women

# Early Weaning of HIV-Exposed Uninfected Infants and Risk of Serious Gastroenteritis: Findings from Two Perinatal HIV Prevention Trials in Kampala, Uganda

[HTML] <u>Early weaning of HIV-exposed uninfected infants and risk of serious gastroenteritis: findings from two perinatal HIV prevention trials in Kampala, Uganda</u>

### Zinc-Altered Immune Function and Cytokine Production

Zinc-altered immune function and cytokine production

### Survival, Disease Manifestations, and Early Predictors of Disease Progression

<u>Survival, disease manifestations, and early predictors of disease</u> <u>progression among children with perinatal human immunodeficiency virus</u> infection in Thailand

#### The impact of perinatal immune development on mucosal homeostasis and chronic inflammation

The impact of perinatal immune development on mucosal homeostasis and chronic inflammation

### Complex interactions between malnutrition, infection and immunity: relevance to HIV/AIDS infection

[PDF] <u>Complex interactions between malnutrition, infection and immunity:</u> relevance to HIV/AIDS infection

### Factors Influencing the Composition of the Intestinal Microbiota in Early Infancy

<u>Factors influencing the composition of the intestinal microbiota in early infancy</u>

## Maternal vaginal microflora during pregnancy and the risk of asthma hospitalization and use of antiasthma medication in early childhood

Maternal vaginal microflora during pregnancy and the risk of asthma hospitalization and use of antiasthma medication in early childhood

#### Gut Microbiota, Probiotics, and Vitamin D: Interrelated Exposures Influencing Allergy, Asthma, and Obesity?

<u>Gut microbiota, probiotics, and vitamin D: interrelated exposures influencing allergy, asthma, and obesity?</u>

### Perinatal Programming of Asthma: The Role of Gut Microbiota

Perinatal programming of asthma: the role of gut microbiota

### Identification and H<sub>2</sub>O<sub>2</sub> Production of Vaginal Lactobacilli from Pregnant Women at High Risk of Preterm Birth and Relation with Outcome

<u>Identification and H2O2 production of vaginal lactobacilli from pregnant women at high risk of preterm birth and relation with outcome</u>

#### Perinatal nutrition and immunity to infection

http://jn.nutrition.org/content/133/5/1645S.full.pdf+html

### Prenatal undernutrition, postnatal environments, and antibody

#### response to vaccination in adolescence

<u>Prenatal undernutrition, postnatal environments, and antibody response to vaccination in adolescence</u>

### Passive Immunization during Pregnancy for Congenital Cytomegalovirus Infection

[HTML] <u>Passive immunization during pregnancy for congenital cytomegalovirus infection</u>

## Improved thymic function in exclusively breastfed infants is associated with higher interleukin 7 concentrations in their mothers' breast milk

Improved thymic function in exclusively breastfed infants is associated with higher interleukin 7 concentrations in their mothers' breast milk

#### Selenoproteins and maternal nutrition

Selenoproteins and maternal nutrition

### Micronutrient supplementation in children and adults with

**HIV infection (Cochrane Review)** 

Micronutrient supplementation in children and adults with HIV infection

### Nutrition and HIV Infection/AIDS in Sub-Saharan Africa

Nutrition and HIV infection/AIDS in Sub-Saharan Africa

#### HIV and nutrition: pregnant and lactating women

http://cdrwww.who.int/nutrition/topics/
Paper 3 Pregnant and Lactation bangkok.pdf

#### The Role of Microbes in Developmental Immunologic Programming

The role of microbes in developmental immunologic programming

#### **Maternal Nutrition and Perinatal Outcomes**

Maternal nutrition and perinatal outcomes

## Early exclusive breastfeeding reduces the risk of postnatal HIV-1 transmission and increases HIV-free survival

<u>Early exclusive breastfeeding reduces the risk of postnatal HIV-1</u> transmission and increases HIV-free survival

### Influence of Prenatal Psychosocial Stress on Cytokine Production in Adult Women

<u>Influence of prenatal psychosocial stress on cytokine production in adult</u> women

#### Development of mucosal immunity in the first year of life and relationship to sudden infant death syndrome

[HTML] <u>Development of mucosal immunity in the first year of life and relationship to sudden infant death syndrome</u>

# The influence of maternal prenatal and early childhood nutrition and maternal prenatal stress on offspring immune system development and neurodevelopmental disorders

[HTML] The influence of maternal prenatal and early childhood nutrition and maternal prenatal stress on offspring immune system development and ...

## Effect of Prenatal Vitamin Supplementation on Lower-Genital Levels of HIV Type 1 and Interleukin Type 1β at 36 Weeks of Gestation

Effect of prenatal vitamin supplementation on lower-genital levels of HIV type 1 and interleukin type 1β at 36 weeks of gestation

### Toxoplasmosis, Cytomegalovirus, Listeriosis, and Preconception Care

[HTML] <u>Toxoplasmosis</u>, <u>cytomegalovirus</u>, <u>listeriosis</u>, <u>and preconception</u> care

#### **Breastfeeding: More Than Just Good Nutrition**

Breastfeeding: more than just good nutrition.

## Cytomegalovirus, and possibly Epstein-Barr virus, shedding in breast milk is associated with HIV-1 transmission by breastfeeding

Cytomegalovirus, and possibly Epstein-Barr virus, shedding in breast milk is associated with HIV-1 transmission by breastfeeding

## Development of the murine and human immune system: differential effects of immunotoxicants depend on time of exposure

[HTML] <u>Development of the murine and human immune system:</u> differential effects of immunotoxicants depend on time of exposure.

Host Remodeling of the Gut Microbiome and Metabolic Changes during Pregnancy

[HTML] <u>Host remodeling of the gut microbiome and metabolic changes</u> during pregnancy

#### Dietary Supplementation with Lactobacilli and Bifidobacteria Is Well Tolerated and Not Associated with Adverse Events during Late Pregnancy and Early Infancy

<u>Dietary supplementation with lactobacilli and bifidobacteria is well</u> <u>tolerated and not associated with adverse events during late pregnancy</u> <u>and early infancy</u>

## FOLLOW-UP OF CHILDREN OF DEPRESSED MOTHERS EXPOSED OR NOT EXPOSED TO ANTIDEPRESSANT DRUGS DURING PREGNANCY

Follow-up of children of depressed mothers exposed or not exposed to antidepressant drugs during pregnancy

## Early-life nutritional and environmental determinants of thymic size in infants born in rural Bangladesh

[HTML] <u>Early-life nutritional and environmental determinants of thymic size in infants born in rural Bangladesh</u>

## Selenium levels in relation to morbidity and mortality among children born to HIV-infected mothers

<u>Selenium levels in relation to morbidity and mortality among children born</u> to HIV-infected mothers

## Identification and H<sub>2</sub>O<sub>2</sub> Production of Vaginal Lactobacilli from Pregnant Women at High Risk of Preterm Birth and Relation with Outcome

Identification and H2O2 production of vaginal lactobacilli from pregnant women at high risk of preterm birth and relation with outcome

## Mitochondrial Toxicity in Human Pregnancy: An Update on Clinical and Experimental Approaches in the Last 10 Years

[HTML] <u>Mitochondrial toxicity in human pregnancy: an update on clinical and experimental approaches in the last 10 years</u>

# The Anti-Inflammatory Activity of Curcumin Protects the Genital Mucosal Epithelial Barrier from Disruption and Blocks Replication of HIV-1 and HSV-2

[HTML] <u>The anti-inflammatory activity of curcumin protects the genital mucosal epithelial barrier from disruption and blocks replication of HIV-1 and HSV-2</u>

HIV protease inhibitor use during pregnancy is associated with decreased progesterone levels, suggesting a potential mechanism contributing to fetal growth ...

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#### **Therapy Means**

### Effect of probiotic supplement on cytokine levels in HIV-infected individuals: a preliminary study

<u>Effect of probiotic supplement on cytokine levels in HIV-infected individuals: a preliminary study</u>

# Reduced levels of D-dimer and changes in gut microbiota composition after probiotic intervention in HIV-infected individuals on stable ART

Reduced levels of D-dimer and changes in gut microbiota composition after probiotic intervention in HIV-infected individuals on stable ART

# Specific prebiotics modulate gut microbiota and immune activation in HAART-naive HIV-infected adults: results of the "COPA" pilot randomized trial Therapy

[HTML] <u>Specific prebiotics modulate gut microbiota and immune activation in HAART-naive HIV-infected adults: results of the "COPA" pilot randomized trial Therapy</u>

## The effects of prebiotics on microbial dysbiosis, butyrate production and immunity in HIV-infected subjects

The effects of prebiotics on microbial dysbiosis, butyrate production and immunity in HIV-infected subjects

## Omega-3 free fatty acids suppress macrophage inflammasome activation by inhibiting NF-kB activation and enhancing autophagy

[HTML] Omega-3 free fatty acids suppress macrophage inflammasome activation by inhibiting NF-kB activation and enhancing autophagy

### The administration of probiotics and symbiotics in immune compromised adults: is it safe?

The administration of probiotics and synbiotics in immune compromised adults: is it safe?

### Microbiota and probiotics in health and HIV infection

[HTML] Microbiota and probiotics in health and HIV infection

### Glutathione deficiency is associated with impaired survival in HIV disease

https://web.archive.org/web/20101105162959/http://aliveandwellsf.org/articles/ Herzenberg GSH 1997.pdf

#### N-acetylcysteine replenishes glutathione in HIV infection

https://web.archive.org/web/20101105175609/http://aliveandwellsf.org/articles/derosa\_NAC\_GSH\_2000.pdf

### Functions of glutathione and glutathione disulfide in immunology and immunopathology.

<u>Functions of glutathione and glutathione disulfide in immunology and immunopathology.</u>

### Probiotics for the control of parasites: an overview

Probiotics for the control of parasites: an overview

#### **Bacterial probiotic modulation of dendritic cells**

Bacterial probiotic modulation of dendritic cells

### The role of the gut flora in health and disease, and its modification as therapy

The role of the gut flora in health and disease, and its modification as therapy

### Probiotic bacteria for prophylaxis and therapy of candidiasis

[PDF] <u>Probiotic bacteria for prophylaxis and therapy of</u> candidiasi

### Bifidobacterium animalis AHC7 protects against pathogen-induced NF-kB activation in vivo

HTML] <u>Bifidobacterium animalis AHC7 protects against pathogen-induced</u> NF-kB activation in vivoBacterial probiotic modulation of dendritic cells

### Nutrients and HIV: N-acetylcysteine, alpha-lipoic acid, L-glutamine, and L-carnitine

[PDF] <u>Nutrients and HIV: N-acetylcysteine, alpha-lipoic acid, L-glutamine, and L-carnitine</u>

#### Mikronährstoffe contra Immunschwäche

http://www.seminarwerk-aids.de/Mikronaehrstoffe.pdf und

#### Aminosäuren und Hormone in der HIV-Therapie

http://www.seminarwerk-aids.de/Aminosaeuren.pdf ) PDF]

### Emerging novel anti HIV biomolecules from marine Algae: An overview

Emerging novel anti HIV biomolecules from marine Algae: An overview

### The development of probiotics for women's health

The development of probiotics for women's health

#### Impact of High-Dose Multi-Strain Probiotic Supplementation on Neurocognitive Performance and Central Nervous System Immune Activation of HIV-1 Infected ...

Impact of High-Dose Multi-Strain Probiotic Supplementation on Neurocognitive Performance and Central Nervous System Immune Activation of HIV-1 Infected ...

#### Effect of Probiotic Supplementation on CD4 Cell Count in HIV-Infected Patients: A Systematic Review and Meta-analysis

<u>Effect of Probiotic Supplementation on CD4 Cell Count in HIV-Infected Patients: A Systematic Review and Meta-analysis</u>

## Review of randomized controlled trials of nutritional supplementation in people living with HIV

[PDF] <u>Review of randomized controlled trials of nutritional supplementation in people living with HIV</u>

### N-acetylcysteine replenishes glutathione in HIV infection

N-acetylcysteine replenishes glutathione in HIV infection

## Regular exercise improves inflammatory responses by resident or recruited macrophages against bacterial pathogens

PDF] Regular exercise improves inflammatory responses by resident or recruited macrophages against bacterial pathogens

## Improvement of immune functions in HIV infection by sulfur supplementation: two randomized trials

Improvement of immune functions in HIV infection by sulfur supplementation: two randomized trials

## Regular exercise improves inflammatory responses by resident or recruited macrophages against bacterial pathogens

DF] Regular exercise improves inflammatory responses by resident or recruited macrophages against bacterial pathogens

### The development of probiotics for women's health

The development of probiotics for women's health

# Impact of High-Dose Multi-Strain Probiotic Supplementation on Neurocognitive Performance and Central Nervous System Immune Activation of HIV-1 Infected ...

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### Review of randomized controlled trials of nutritional supplementation in people living with HIV

[PDF] Review of randomized controlled trials of nutritional supplementation in people living with HIV

## Resveratrol alleviates Staphylococcus aureus pneumonia by inhibition of the NLRP3 inflammasome

[HTML] <u>Resveratrol alleviates Staphylococcus aureus pneumonia by inhibition of</u> the NLRP3 inflammasome

### Antimalarial action of artesunate involves DNA damage mediated by reactive oxygen species

Antimalarial action of artesunate involves DNA damage mediated by reactive oxygen species

### Polymicrobial synergy and dysbiosis in inflammatory disease

Polymicrobial synergy and dysbiosis in inflammatory disease

## Optimal vitamin D plasma levels are associated with lower bacterial DNA translocation in HIV/hepatitis c virus coinfected patients

Optimal vitamin D plasma levels are associated with lower bacterial DNA translocation in HIV/hepatitis c virus coinfected patients

## The effects of prebiotics on microbial dysbiosis, butyrate production and immunity in HIV-infected subjects

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# Riboflavin along with antibiotics balances reactive oxygen species and inflammatory cytokines and controls Staphylococcus aureus infection by boosting ...

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## Effect of artesunate supplementation on bacterial translocation and dysbiosis of gut microbiota in rats with liver cirrhosis

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## The effects of prebiotics on microbial dysbiosis, butyrate production and immunity in HIV-infected subjects Therapy

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### How can the gut microbiota affect immune recovery in HIV-infected individuals?

How can the gut microbiota affect immune recovery in HIV-infected individuals?

#### Probiotics, prebiotics and synbiotics-a review

Probiotics, prebiotics and synbiotics-a review

### Regulation of autophagy by amino acids and MTOR-dependent signal transduction

[HTML] Regulation of autophagy by amino acids and MTOR-dependent signal transduction

### Improvement of immune functions in HIV infection by sulfur supplementation: two randomized trials

Improvement of immune functions in HIV infection by sulfur supplementation: two randomized trials

## Review of randomized controlled trials of nutritional supplementation in people living with HIV

[PDF] Review of randomized controlled trials of nutritional supplementation in people living with HIV

### Potential anti-hpv and related cancer agents from marine resources: An overview

HTML] <u>Potential anti-hpv and related cancer agents from marine resources: An</u> overview

# Effect of Micronutrient Supplementation on Disease Progression in Asymptomatic, Antiretroviral-Naive, HIV-Infected Adults in Botswana

[HTML] <u>Effect of micronutrient supplementation on disease progression in asymptomatic, antiretroviral-naive, HIV-infected adults in Botswana: a randomized clinical ...</u>

### Curcumin hormesis mediates a cross-talk between autophagy and cell death

[HTML] <u>Curcumin hormesis mediates a cross-talk between autophagy and</u> cell death

### Curcumin, inflammation, and chronic diseases: how are they linked?

[HTML] <u>Curcumin, inflammation, and chronic diseases: how are they</u> linked?

### Mitochondrial Free Radicals, Antioxidants, Nutrient Substances, and Chronic Hepatitis C

[HTML] <u>Mitochondrial Free Radicals, Antioxidants, Nutrient Substances, and Chronic Hepatitis C</u>

#### **Trace Elements/Minerals and Immunity**

Trace elements/minerals and immunity

#### Piperine Suppresses Pyroptosis and Interleukin-1β Release upon ATP Triggering and Bacterial Infection

[HTML] <u>Piperine Suppresses Pyroptosis and Interleukin-1ß Release upon ATP Triggering and Bacterial Infection</u>

## Review of randomized controlled trials of nutritional supplementation in people living with HIV [PDF]

Review of randomized controlled trials of nutritional supplementation in people living with HIV [PDF]

#### Effect of Probiotic Supplementation on CD4 Cell Count in HIV-Infected Patients: A Systematic Review and Meta-analysis

Effect of Probiotic Supplementation on CD4 Cell Count in HIV-Infected Patients: A Systematic Review and Meta-analysis

### Microbiota and probiotics in health and HIV infection

[HTML] Microbiota and probiotics in health and HIV infection

### Strategies to limit immune-activation in HIV patients

Strategies to limit immune-activation in HIV patients

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### Effects of environmental pollutants on gut microbiota

Effects of environmental pollutants on gut microbiota

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### Regulation of autophagy by amino acids and MTOR-dependent signal transduction

[HTML] Regulation of autophagy by amino acids and MTOR-dependent signal transduction

## Effect of L-Carnitine on Human Immunodeficiency Virus-1 Infection-Associated Apoptosis: A Pilot Study

Effect of L-carnitine on human immunodeficiency virus-1 infectionassociated apoptosis: a pilot study

### Homeostatic impact of indigenous microbiota and secretory immunity

Homeostatic impact of indigenous microbiota and secretory immunity

#### N-acetyl-cysteine exhibits potent antimycobacterial activity in addition to its known anti-oxidative functions

[HTML] <u>N-acetyl-cysteine exhibits potent anti-mycobacterial activity in addition to</u> its known anti-oxidative functions

#### Mitochondrial Free Radicals, Antioxidants, Nutrient Substances, and Chronic Hepatitis C

[HTML] <u>Mitochondrial Free Radicals, Antioxidants, Nutrient Substances, and</u> Chronic Hepatitis C

### Artemisinin analogues as potent inhibitors of in vitro hepatitis c virus replication

<u>Artemisinin analogues as potent inhibitors of in vitro hepatitis c virus</u> replication

# Anti-tumour effects of polysaccharides isolated from artemisia annua L by inducing cell apoptosis and immunomodulatory anti-hepatoma effects of polysaccharides

Anti-tumour effects of polysaccharides isolated from artemisia annua L by inducing cell apoptosis and immunomodulatory anti-hepatoma effects of polysaccharides

### Anti-Inflammatory and Immunoregulatory Functions of Artemisinin and Its Derivatives

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### Leishmanicidal activities of Artemisia annua leaf essential oil against visceral leishmaniasis

[HTML] <u>Leishmanicidal activities of Artemisia annua leaf essential oil against</u> visceral leishmaniasis

## Targeting Mitochondria-Derived Reactive Oxygen Species to Reduce Epithelial Barrier Dysfunction and Colitis

[HTML] <u>Targeting mitochondria-derived reactive oxygen species to reduce</u> epithelial barrier dysfunction and colitis

## Phytochemical Modulators of Mitochondria: The Search for Chemopreventive Agents and Supportive Therapeutics

[HTML] <u>Phytochemical modulators of mitochondria: The search for chemopreventive agents and supportive therapeutics</u>

#### Alternative medicines for HIV/AIDS in resourcepoor settings: Insight from traditional medicines use in sub-Saharan Africa

Alternative medicines for HIV/AIDS in resource-poor settings: Insight from traditional medicines use in sub-Saharan Africa

### Cause of Cancer and Chronic Inflammatory Diseases and the Implications for Treatment

[HTML] <u>Cause of Cancer and Chronic Inflammatory Diseases and the</u> <u>Implications for Treatment</u>

### The possible roles of vitamin D and curcumin in treating gonorrhoea

The possible roles of vitamin D and curcumin in treating gonorrhea

### Anti-Inflammatory and Antimicrobial Actions of Vitamin D in Combating TB/HIV

Anti-inflammatory and antimicrobial actions of vitamin D in combating TB/

#### Existing and potential therapeutic uses for Nacetylcysteine: the need for conversion to intracellular glutathione for antioxidant benefits

Existing and potential therapeutic uses for N-acetylcysteine: the need for conversion to intracellular glutathione for antioxidant benefits

### The chemistry and biological activities of N-acetylcysteine

The chemistry and biological activities of N-acetylcysteine

#### Glutathione and infection

Glutathione and infection

#### Dietary phytochemicals and cancer prevention: Nrf2 signaling, epigenetics, and cell death mechanisms in blocking cancer initiation and progression

Dietary phytochemicals and cancer prevention: Nrf2 signaling, epigenetics, and cell death mechanisms in blocking cancer initiation and progression

## Regulation of autophagy by polyphenolic compounds as a potential therapeutic strategy for cancer

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## Anti-inflammatory, Antioxidant and Antimicrobial Effects of Artemisinin Extracts from Artemisia annua L

[HTML] <u>Anti-inflammatory</u>, <u>Antioxidant and Antimicrobial Effects of</u> Artemisinin Extracts from Artemisia annua L.

### **Anti-Inflammatory and Immunoregulatory Functions of Artemisinin and Its Derivatives**

Anti-Inflammatory and Immunoregulatory Functions of Artemisinin and Its

## Protective capacity of *Artemisia annua* as a potent antioxidant remedy against free radical damage

[HTML] <u>Protective capacity of Artemisia annua as a potent antioxidant remedy against free radical damage</u>

## Sensitivity of human herpesvirus 6 and other human herpesviruses to the broad-spectrum antiinfective drug artesunate

<u>Sensitivity of human herpesvirus 6 and other human herpesviruses to the broad-spectrum antiinfective drug artesunate</u>

## The efficacy of herbal medicines against Toxoplasma gondii during the last 3 decades: asystematic review

The efficacy of herbal medicines against *Toxoplasma gondii* during the last 3 decades: a systematic review

## N-acetylcysteine (NAC) ameliorates Epstein-Barr virus latent membrane protein 1 induced chronic inflammation

[HTML] <u>N-acetylcysteine (NAC) ameliorates Epstein-Barr virus latent membrane protein 1 induced chronic inflammation</u>

## Oxidative Stress and Inflammation in Hepatic Diseases: Therapeutic Possibilities of N-Acetylcysteine

Oxidative stress and inflammation in hepatic diseases: therapeutic possibilities of N-acetylcysteine

### Artemisinin Analogues as Potent Inhibitors of In Vitro Hepatitis C Virus Replication

[HTML] <u>Artemisinin analogues as potent inhibitors of in vitro hepatitis C virus replication</u>

### The Role of Oxidative Stress and Antioxidants in Liver Diseases

[HTML] The role of oxidative stress and antioxidants in liver diseases

#### Mitochondrial Free Radicals, Antioxidants, Nutrient Substances, and Chronic Hepatitis C

[HTML] <u>Mitochondrial Free Radicals, Antioxidants, Nutrient Substances, and Chronic Hepatitis C</u>

### Therapeutic Potential of Host Defense Peptides in Antibiotic-resistant Infections

<u>Therapeutic potential of host defense peptides in antibiotic-resistant</u> infections

#### Generation of regulatory dendritic cells and CD4+ Foxp3+ T cells by probiotics administration suppresses immune disorders

Generation of regulatory dendritic cells and CD4+ Foxp3+ T cells by probiotics administration suppresses immune disorders

# Potential therapeutic effects of curcumin, the anti-inflammatory agent, against neurodegenerative, cardiovascular, pulmonary, metabolic, autoimmune and neoplastic ...

<u>Potential therapeutic effects of curcumin, the anti-inflammatory agent, against neurodegenerative, cardiovascular, pulmonary, metabolic, autoimmune and neoplastic ...</u>

## Anti-inflammatory, Antioxidant and Antimicrobial Effects of Artemisinin Extracts from Artemisia annua L.

[HTML] <u>Anti-inflammatory</u>, <u>Antioxidant and Antimicrobial Effects of</u>
Artemisinin Extracts from Artemisia annua L.

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### Oxidants and antioxidants in the pathogenesis of HIV/AIDS

Oxidants and antioxidants in the pathogenesis of HIV/AIDS

## Micronutrients, N-acetyl cysteine, probiotics and prebiotics, a review of effectiveness in reducing HIV progression

[HTML] <u>Micronutrients, N-acetyl cysteine, probiotics and prebiotics, a</u> review of effectiveness in reducing HIV progression

# Symbiotic therapy decreases microbial translocation and inflammation and improves immunological status in HIV-infected patients: a double-blind randomized ...

[HTML] <u>Synbiotic therapy decreases microbial translocation and inflammation and improves immunological status in HIV-infected patients: a double-blind randomized ...</u>

## Effect of probiotic bacteria on microbial host defense, growth, and immune function in human immunodeficiency virus type-1 infection

[HTML] <u>Effect of probiotic bacteria on microbial host defense, growth, and immune function in human immunodeficiency virus type-1 infection</u>

### Natural products for cancer prevention associated with Nrf2-ARE pathway

[HTML] Natural products for cancer prevention associated with Nrf2-ARE pathway

### Herbal Medicine as Inducers of Apoptosis in Cancer Treatment

[HTML] Herbal medicine as inducers of apoptosis in cancer treatment

### Anti-Inflammatory and Anti-Superbacterial Properties of Sulforaphane from Shepherd's Purse

[HTML] <u>Anti-inflammatory and anti-superbacterial properties of sulforaphane from Shepherd's Purse</u>

### Mechanisms of control of Mycobacterium tuberculosis By NK cells: role of glutathione

[HTML] <u>Mechanisms of control of Mycobacterium tuberculosis by NK cells: role of glutathione</u>

### Probiotic agents to protect the urogenital tract against infection

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## Generation of regulatory dendritic cells and CD4<sup>+</sup>Foxp3<sup>+</sup> T cells by probiotics administration suppresses immune disorders

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### Probiotic bacteria and intestinal epithelial barrier function

Probiotic bacteria and intestinal epithelial barrier function

### New Approaches for Bacteriotherapy: Prebiotics, New-Generation Probiotics, and Synbiotics

New approaches for bacteriotherapy: prebiotics, new-generation probiotics, and synbiotics

PROBIOTIC BACTERIA LACTOBACILLUS AND BIFIDOBACTERIUM ATTENUATE INFLAMMATION IN DEXTRAN SULFATE SODIUM-INDUCED EXPERIMENTAL COLITIS IN MICE

<u>Probiotic bacteria lactobacillus and bifidobacterium attenuate</u> <u>inflammation in dextran sulfate sodium-induced experimental colitis in</u> mice

## Preventive and therapeutic effects of nitrite supplementation in experimental inflammatory bowel disease

[HTML] <u>Preventive and therapeutic effects of nitrite supplementation in experimental inflammatory bowel disease</u>

#### Genistein, Estrogen Receptors, and the Acquired Immune Response

Genistein, estrogen receptors, and the acquired immune response

#### Targeting Mitochondria-Derived Reactive Oxygen Species to Reduce Epithelial Barrier Dysfunction and Colitis

[HTML] <u>Targeting mitochondria-derived reactive oxygen species to reduce epithelial barrier dysfunction and colitis</u>

### Pulmonary Tuberculosis: towards improved adjunctive therapies

Pulmonary Tuberculosis: towards improved adjunctive therapies

#### Resveratrol and Related Compounds as Antioxidants with an Allosteric Mechanism of Action in Epigenetic Drug Targets

Resveratrol and related compounds as antioxidants with an allosteric mechanism of action in epigenetic drug targets

### Resveratrol-based combinatorial strategies for cancer management

Resveratrol-based combinatorial strategies for cancer management

#### Protective effect of mitochondria-targeted antioxidants in an acute bacterial infection

<u>Protective effect of mitochondria-targeted antioxidants in an acute</u> bacterial infection

## Combined L-citrulline and glutathione supplementation increases the concentration of markers indicative of nitric oxide synthesis

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#### **Treatment of Mitochondrial Disorders**

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4067597/

#### Artemisinin-based combination with curcumin adds a new dimension to malaria therapy

Artemisinin-based combination with curcumin adds a new dimension to malaria therapy.

# The Anti-Inflammatory Activity of Curcumin Protects the Genital Mucosal Epithelial Barrier from Disruption and Blocks Replication of HIV-1 and HSV-2

[HTML] The anti-inflammatory activity of curcumin protects the genital mucosal epithelial barrier from disruption and blocks replication of HIV-1 and HSV-2

#### Amino acids and immune function

Amino acids and immune function

#### The chemistry and biological activities of Nacetylcysteine

The chemistry and biological activities of N-acetylcysteine

#### Chronic hepatitis B and ozone therapy

[PDF] Chronic hepatitis B and ozone therapy

#### Ozone Therapy in Patients with Viral Hepatitis C: Ten Years' Experience

Ozone Therapy in Patients with Viral Hepatitis C: Ten Years' Experience

## A practical approach for restoring homeostasis in diseases characterized by a chronic oxidative stress

[PDF] <u>A practical approach for restoring homeostasis in diseases characterized by a chronic oxidative stress</u>

#### Herbal medicine as inducers of apoptosis in cancer treatment

[HTML] Herbal medicine as inducers of apoptosis in cancer treatment

# Lipophilic antioxidants prevent lipopolysaccharide-induced mitochondrial dysfunction through mitochondrial biogenesis improvement

<u>Lipophilic antioxidants prevent lipopolysaccharide-induced mitochondrial</u> dysfunction through mitochondrial biogenesis improvement

## Mitochondrial-Targeted Curcuminoids: A Strategy to Enhance Bioavailability and Anticancer Efficacy of Curcumin

[HTML] <u>Mitochondrial-targeted curcuminoids: a strategy to enhance</u> bioavailability and anticancer efficacy of curcumin

## Renoprotective effect of the antioxidant curcumin: Recent Findings

[HTML] Renoprotective effect of the antioxidant curcumin: Recent findings

#### Curcumin Protects against Cadmium-Induced Vascular Dysfunction, Hypertension and Tissue Cadmium Accumulation in Mice

[HTML] <u>Curcumin protects against cadmium-induced vascular dysfunction, hypertension and tissue cadmium accumulation in mice</u>

#### Nrf2, a master regulator of detoxification and also antioxidant, anti-inflammatory and other

#### cytoprotective mechanisms, is raised by health promoting factors

[PDF] Nrf2, a master regulator of detoxification and also antioxidant, antiinflammatory and other cytoprotective mechanisms, is raised by health promoting factors

## Impact of antioxidant supplementation on chemotherapeutic toxicity: a systematic review of the evidence from randomized controlled trials

[HTML] <u>Impact of antioxidant supplementation on chemotherapeutic</u> <u>toxicity: a systematic review of the evidence from randomized controlled</u> trials

# Ameliorative effect of berberine against gentamicin-induced nephrotoxicity in rats via attenuation of oxidative stress, inflammation, apoptosis and mitochondrial dysfunction

Ameliorative effect of berberine against gentamicin-induced nephrotoxicity in rats via attenuation of oxidative stress, inflammation, apoptosis and mitochondrial ...

### Disturbed Amino Acid Metabolism in HIV: Association with Neuropsychiatric Symptoms

[HTML] <u>Disturbed amino acid metabolism in HIV: association with neuropsychiatric symptoms</u>

## Aged garlic extract restores nitric oxide bioavailability in cultured human endothelial cells even under conditions of homocysteine elevation

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# Mushroom Polysaccharides: Chemistry and Antiobesity, Antidiabetes, Anticancer, and Antibiotic Properties in Cells, Rodents, and Humans

[HTML] <u>Mushroom polysaccharides: chemistry and antiobesity, antidiabetes, anticancer, and antibiotic properties in cells, rodents, and humans</u>

#### Cancer and the gut microbiota: an unexpected link

Cancer and the gut microbiota: an unexpected link

#### Antiviral activity of resveratrol against human and animal viruses

Antiviral activity of resveratrol against human and animal viruses

#### Generation of regulatory dendritic cells and CD4+ Foxp3+ T cells by probiotics administration suppresses immune disorders

Generation of regulatory dendritic cells and CD4+ Foxp3+ T cells by probiotics administration suppresses immune disorders

## Curcumin suppression of cytokine release and cytokine storm. A potential therapy for patients with Ebola and other severe viral infections

<u>Curcumin suppression of cytokine release and cytokine storm. A potential therapy for patients with Ebola and other severe viral infections</u>

## Withholding antimalarials in febrile children who have a negative result for a rapid diagnostic test

[HTML] <u>Withholding antimalarials in febrile children who have a negative result for a rapid diagnostic test</u>

#### Glutathione deficiency is associated with impaired survival in HIV disease

Glutathione deficiency is associated with impaired survival in HIV disease

## The Redox State as a Correlate of Senescence and Wasting and as a Target for Therapeutic Intervention

The redox state as a correlate of senescence and wasting and as a target for therapeutic intervention

## Role of cysteine and glutathione in HIV infection and other diseases associated with muscle wasting and immunological dysfunction

Role of cysteine and glutathione in HIV infection and other diseases associated with muscle wasting and immunological dysfunction.

## Cystine levels, cystine flux, and protein catabolism in cancer cachexia, HIV/SIV infection, and senescence

<u>Cystine levels, cystine flux, and protein catabolism in cancer cachexia,</u> HIV/SIV infection, and senescence.

### Functions of glutathione and glutathione disulfide in immunology and immunopathology

<u>Functions of glutathione and glutathione disulfide in immunology and immunopathology.</u>

#### Effect of glutathione depletion and oral N-acetylcysteine treatment on CD4+ and CD8+ cells

Effect of glutathione depletion and oral N-acetyl-cysteine treatment on CD4+ and CD8+ cells.

### N-Acetylcysteine—a safe antidote for cysteine/glutathione deficiency

N-Acetylcysteine—a safe antidote for cysteine/glutathione deficiency

## Omega-3 free fatty acids suppress macrophage inflammasome activation by inhibiting NF-kB activation and enhancing autophagy

[HTML] Omega-3 free fatty acids suppress macrophage inflammasome activation by inhibiting NF-kB activation and enhancing autophagy

## Anti-HIV-1 activity of phlorotannin derivative 8,4"-dieckol from Korean brown alga *Ecklonia* cava

Anti-HIV-1 activity of phlorotannin derivative 8,4‴-dieckol from Korean brown alga *Ecklonia cava* 

## Anti-HIV-1 activity in human primary cells and Anti-HIV-1 RT inhibitory activity of extracts from the red seaweed Acanthophora spicifera

Anti-HIV-1 activity in human primary cells and Anti-HIV-1 RT inhibitory activity of extracts from the red seaweed Acanthophora spicifera

## Inhibition of HIV-1 reverse transcriptase and protease by phlorotannins from the brown alga Ecklonia cava

<u>Inhibition of HIV-1 reverse transcriptase and protease by phlorotannins</u> <u>from the brown alga Ecklonia cava</u>

# Molecular docking studies of marine diterpenes as inhibitors of wild-type and mutants HIV-1 reverse transcriptase

Molecular docking studies of marine diterpenes as inhibitors of wild-type and mutants HIV-1 reverse transcriptase

### Emerging novel anti HIV biomolecules from marine Algae: An overview

PDF] <u>Emerging novel anti HIV biomolecules from marine Algae: An</u> overview

https://www.ejmanager.com/mnstemps/19/19-1434533316.pdf

### Antimicrobial activities of bacteria associated with the brown alga Padina pavonica

[HTML] <u>Antimicrobial activities of bacteria associated with the brown alga</u>
<u>Padina pavonica</u>

## Antioxidant and antifungal activities of Padina pavonica and Sargassum vulgare from the Lebanese Mediterranean Coast

[PDF] <u>Antioxidant and antifungal activities of Padina pavonica and</u> Sargassum vulgare from the Lebanese Mediterranean Coast

### Anti-inflammatory effect of supercritical extract and its constituents from Ishige okamurae

[HTML] <u>Anti-inflammatory effect of supercritical extract and its</u> constituents from Ishige okamurae

## Inhibition of growth and urease activity of Helicobacter pylori by Korean edible seaweed extracts

[PDF] <u>Inhibition of growth and urease activity of Helicobacter pylori by</u> Korean edible seaweed extracts

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## Curcumin represses NLRP3 inflammasome activation via TLR4/MyD88/NF-kB and P2X7R signaling in PMA-induced macrophages

[HTML] <u>Curcumin represses NLRP3 inflammasome activation via TLR4/MyD88/NF-</u>
<u>kB and P2X7R signaling in PMA-induced macrophages</u>

# Antibacterial, antiproliferative, and immunomodulatory activity of silver nanoparticles synthesized with fucans from the alga Dictyota mertensii

Antibacterial, antiproliferative, and immunomodulatory activity of silver nanoparticles synthesized with fucans from the alga Dictyota mertensii

## The in vitro biological activity of the Brazilian brown seaweed Dictyota mertensii against Leishmania amazonensis

[HTML] <u>The in vitro biological activity of the Brazilian brown seaweed</u> <u>Dictyota mertensii against Leishmania amazonensis</u>

#### Cytotoxic and antiproliferative constituents from Dictyota ciliolata, Padina sanctae-crucis and Turbinaria tricostata

Cytotoxic and antiproliferative constituents from *Dictyota ciliolata, Padina* sanctae-crucis and *Turbinaria tricostata* 

#### Aqueous extracts of the marine brown alga Lobophora variegata inhibit HIV-1 infection at the level of virus entry into cells

[HTML] <u>Aqueous extracts of the marine brown alga Lobophora variegata</u> inhibit HIV-1 infection at the level of virus entry into cells

#### Algal bioactive diversities against pathogenic microbes

[PDF] Algal bioactive diversities against pathogenic microbes

#### Immune therapy for human papillomavirusesrelated cancers

[HTML] Immune therapy for human papillomaviruses-related cancers

#### Potential anti-hpv and related cancer agents from marine resources: An overview

[HTML] <u>Potential anti-hpv and related cancer agents from marine resources: An overview</u>

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## Review of randomized controlled trials of nutritional supplementation in people living with HIV

[PDF] Review of randomized controlled trials of nutritional supplementation in people living with HIV

#### Richer gut microbiota with distinct metabolic profile in HIV infected elite controllers

[HTML] <u>Richer gut microbiota with distinct metabolic profile in HIV infected</u> elite controllers

## The effects of prebiotics on microbial dysbiosis, butyrate production and immunity in HIV-infected subjects

The effects of prebiotics on microbial dysbiosis, butyrate production and immunity in HIV-infected subjects

### The health advantage of a vegan diet: exploring the gut microbiota connection

[HTML] <u>The health advantage of a vegan diet: exploring the gut microbiota connection</u>

### Effect of probiotic supplement on cytokine levels in HIV-infected individuals: a preliminary study

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## Complexities of gut microbiome dysbiosis in the context of HIV infection and antiretroviral therapy

<u>Complexities of gut microbiome dysbiosis in the context of HIV infection and antiretroviral therapy</u>

## Regulation of intestinal immune responses through TLR activation: implications for pro- and prebiotics

Regulation of intestinal immune responses through TLR activation: implications for pro- and prebiotics

## Resveratrol alleviates Staphylococcus aureus pneumonia by inhibition of the NLRP3 inflammasome ok. Wichtig Therapy

[HTML] <u>Resveratrol alleviates Staphylococcus aureus pneumonia by inhibition of the NLRP3 inflammasome</u>

### Understanding the mechanisms of faecal microbiota transplantation

Understanding the mechanisms of faecal microbiota transplantation

## Therapy of Adverse Effects of cART

#### Acetyl-L-carnitine in painful peripheral neuropathy: a systematic review

[HTML] <u>Acetyl-L-carnitine in painful peripheral neuropathy: a systematic review</u>

## Gut microbial diversity in HIV infection post combined antiretroviral therapy: a key target for prevention of cardiovascular disease

HTML] <u>Gut microbial diversity in HIV infection post combined antiretroviral therapy: a key target for prevention of cardiovascular disease</u>

#### Glutathione deficiency is associated with impaired survival in HIV disease

https://web.archive.org/web/20101105162959/http://aliveandwellsf.org/articles/Herzenberg GSH 1997.pdf

#### N-acetylcysteine replenishes glutathione in HIV infection

https://web.archive.org/web/20101105175609/http://aliveandwellsf.org/articles/derosa\_NAC\_GSH\_2000.pdf

### Resveratrol-based combinatorial strategies for cancer management

Resveratrol-based combinatorial strategies for cancer management

## Impact of antioxidant supplementation on chemotherapeutic toxicity: A systematic review of the evidence from randomized controlled trials

[HTML] <u>Impact of antioxidant supplementation on chemotherapeutic</u> <u>toxicity: a systematic review of the evidence from randomized controlled trials</u>

## Probiotic/prebiotic supplementation of antiretrovirals improves gastrointestinal immunity in SIV-infected macaques

[HTML] <u>Probiotic/prebiotic supplementation of antiretrovirals improves</u> gastrointestinal immunity in SIV-infected macagues

# Ameliorative effect of berberine against gentamicin-induced nephrotoxicity in rats via attenuation of oxidative stress, inflammation, apoptosis and mitochondrial dysfunction

Ameliorative effect of berberine against gentamicin-induced nephrotoxicity in rats via attenuation of oxidative stress, inflammation, apoptosis and mitochondrial ...

## The Male Genital Tract in the Era of Highly Active Antiretroviral Therapy (HAART): Implication for Antioxidant Therapy

[PDF] The male genital tract in the era of highly active antiretroviral therapy (HAART): implication for antioxidant therapy

# Cancer metabolism and oxidative stress: Insights into carcinogenesis and chemotherapy via the non-dihydrofolate reductase effects of methotrexate

[HTML] <u>Cancer metabolism and oxidative stress: Insights into</u> <u>carcinogenesis and chemotherapy via the non-dihydrofolate reductase</u> <u>effects of methotrexate</u>

## Effects of pentoxifylline and alpha lipoic acid on methotrexate-induced damage in liver and kidney of rats

<u>Effects of pentoxifylline and alpha lipoic acid on methotrexate-induced damage in liver and kidney of rats</u>

Vitamin D3 Supplementation Increases Spine
Bone Mineral Density in Adolescents and Young
Adults With Human Immunodeficiency Virus
Infection Being Treated ...

Vitamin D3 Supplementation Increases Spine Bone Mineral Density in Adolescents and Young Adults With Human Immunodeficiency Virus Infection Being Treated ...

# Reduced levels of D-dimer and changes in gut microbiota composition after probiotic intervention in HIV-infected individuals on stable ART

Reduced levels of D-dimer and changes in gut microbiota composition after probiotic intervention in HIV-infected individuals on stable ART