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Mechanisms of mitochondria and autophagy crosstalk

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Are Reactive Oxygen Species Always Detrimental to Pathogens?

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Cellular and Molecular Connections between Autophagy and Inflammation

Autophagy protects against active tuberculosis by suppressing bacterial burden and inflammation

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Mitochondria: diversity in the regulation of the NLRP3 inflammasome
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Mitochondrial quality control: Cell-type-dependent responses to pathological mutant mitochondrial DNA

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Metabolic Control of Autophagy
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The Role of Reactive Oxygen Species (ROS) in the Formation of Extracellular Traps (ETs) in Humans
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Exosomes and other extracellular vesicles: the new communicators in parasite infections
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The role of extracellular vesicles in modulating the host immune response during parasitic infections

**Parasite extracellular vesicles: mediators of intercellular communication**

**Sending a message: extracellular vesicles of pathogenic protozoan parasites**

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Immunologic manifestations of autophagy

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Regulation of Immune Responses by Extracellular Vesicles

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Posttranscriptional Control of T Cell Effector Function by Aerobic Glycolysis

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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 urogenital tract and with special regard to reproduction

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Extracellular vesicles from infected cells: potential for direct pathogenesis

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Autophagy and checkpoints for intracellular pathogen defence

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Disruption of cytochrome c oxidase function induces the Warburg effect and metabolic reprogramming

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

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

**Turning up the heat: inflammasome activation by fungal pathogens**

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

**Signaling cascades and inflammasome activation in microbial infections**

**Mechanisms and functions of inflammasomes**

**Inflammasome complexes: emerging mechanisms and effector functions**

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

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

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The gut microbiome in human immunodeficiency virus infection

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

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Control of Pathogens and Pathobionts by the Gut Microbiota

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Dual role of commensal bacteria in viral infections

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Inflammatory properties of antibiotic-treated bacteria

Commensal microbiome promotes resistance to local and systemic infections

Anatomical localization of commensal bacteria in immune cell homeostasis and disease

Starring role of toll-like receptor-4 activation in the gut-liver axis
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Doxycycline Attenuates Leptospira-Induced IL-1β by Suppressing NLRP3 Inflammasome Priming
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Effect of ampicillin, streptomycin, penicillin and tetracycline on metal resistant and non-resistant Staphylococcus aureus

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

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Comprehensive evaluation of antibiotics emission and fate in the river basins of China

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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 Viruses

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Anti-inflammatory and antimicrobial actions of vitamin D in combating TB/HIV

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Vitamin D and prolonged treatment with photosensitivity-associated antibiotics

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The role of vitamin D in autoimmune hepatitis

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Burden and Predictors of HIV/Hepatitis B Co-infection in Rural Uganda

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Changes in Plasma Human Immunodeficiency Virus Type 1 RNA Associated with Herpes Simplex Virus Reactivation and Suppression

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HBV/HIV co-infection: The dynamics of HBV in South African patients with AIDS

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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

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GB Virus C/Hepatitis G Virus Infection: A Favorable Prognostic Factor in Human Immunodeficiency Virus - Infected Patients?

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A Review of HIV Pre-Exposure Prophylaxis: The Female Perspective
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HIV Pre-Exposure Prophylaxis: Are we “PrEPing” for a new epidemic?
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Tenofovir and bone health
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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

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**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**

**HIV protective efficacy and correlates of tenofovir blood concentrations in 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**

**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**
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Efavirenz induces neuronal autophagy and mitochondrial alterations
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Impaired sperm motility in HIV-infected men: an unexpected adverse effect of efavirenz?

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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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... and antibiotic resistance pattern of blood culture isolates from human immuno-deficiency virus (HIV) patients on highly active anti-retroviral therapy (HAART) in ...

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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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Associated factors with syphilis among human immunodeficiency virus-infected men who have sex with men in Taiwan in the era of combination antiretroviral therapy

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Prevalence, drug-induced hepatotoxicity, and mortality among patients multi-infected with HIV, tuberculosis, and hepatitis virus

Drug interactions between antiretrovirals and new or emerging direct-acting antivirals in HIV/hepatitis C virus coinfection
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Evolution of Hepatitis B Serological Markers in HIV-Infected Patients Receiving Highly Active Antiretroviral Therapy

[HTML] Evolution of hepatitis B serological markers in HIV-infected patients receiving highly active antiretroviral therapy

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[HTML] Therapeutic drug monitoring and pharmacogenetic study of HIV-infected ethnic Chinese receiving efavirenz-containing antiretroviral therapy with or without ...

HIV Protease Inhibitors Disrupt Lipid Metabolism by Activating Endoplasmic Reticulum Stress and Inhibiting Autophagy Activity in Adipocytes

[HTML] HIV protease inhibitors disrupt lipid metabolism by activating endoplasmic reticulum stress and inhibiting autophagy activity in adipocytes

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] Antiretroviral therapy potentiates high-fat diet induced obesity and glucose intolerance

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Virologically Suppressed HIV Patients Show Activation of NK Cells and Persistent Innate Immune Activation

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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

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Current management of hepatitis C virus infection in patients with HIV co-infection

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[PDF] 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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Adverse effects of antiretroviral treatment

[HTML] Adverse effects of antiretroviral treatment

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Antiretroviral drugs induce oxidative stress and neuronal damage in the central nervous system

Trends in reported AIDS defining illnesses (ADIs) among participants in a universal antiretroviral therapy program: an observational study

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Frequencies of circulating MAIT cells are diminished in chronic 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 anti-retroviral therapy (HAART) in ...

Sources for Inflammation and Accelerated Aging in Well Controlled HIV Patients on Antiretroviral Therapy
Effects of HIV infection and ART on phenotype and function of circulating monocytes, natural killer, and innate lymphoid cells

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

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

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Peripheral neuropathy in persons with tuberculosis

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The Placenta as a Barrier to Viral Infections

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Oral contraceptive efficacy and antibiotic interaction: A myth debunked

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Interventions for treating genital chlamydia trachomatis infection in pregnancy (Review)

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HOSPITAL BASED STUDY FOR ASYMPTOMATIC BACTERIURI A IN PREGNANT WOMEN

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Treatment of toxoplasmosis during pregnancy: a multicenter study of impact on fetal transmission

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Asymptomatic bacteriuria and symptomatic urinary tract infections in pregnancy

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Sepsis during pregnancy

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[HTML] Maternal syphilis: pathophysiology and treatment

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Caesarean delivery rates and pregnancy outcomes: the 2005 WHO global survey on maternal and perinatal health in Latin America

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Ureaplasma urealyticum intrauterine infection: role in prematurity and disease in newborns.

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Syphilis in pregnancy in Tanzania. I. Impact of maternal syphilis on outcome of pregnancy

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[HTML] Epidemiology of urinary tract infections and antibiotics sensitivity among pregnant women at Khartoum North Hospital

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Pharmacokinetics in pregnancy

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Diet and host-microbial crosstalk in postnatal intestinal immune homeostasis

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Prenatal undernutrition, postnatal environments, and antibody response to vaccination in adolescence

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Pregnancy, nutrition and parasitic diseases

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Maternal vitamin A deficiency and mother-to-child transmission of HIV-1

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Complex interactions between malnutrition, infection and immunity: relevance to HIV/AIDS infection
Complex interactions between malnutrition, infection and immunity: relevance to HIV/AIDS infection

Factors Influencing the Composition of the Intestinal Microbiota in Early Infancy
Factors influencing the composition of the intestinal microbiota in early infancy

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

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Gut microbiota, probiotics, and vitamin D: interrelated exposures influencing allergy, asthma, and obesity?

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Maternal nutrition and perinatal outcomes

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Influence of prenatal psychosocial stress on cytokine production in adult women

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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

Toxoplasmosis, cytomegalovirus, listeriosis, and preconception care
Breastfeeding: More Than Just Good Nutrition

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Cytomegalovirus, and possibly Epstein-Barr virus, shedding in breast milk is associated with HIV-1 transmission by breastfeeding

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Dietary Supplementation with Lactobacilli and Bifidobacteria Is Well Tolerated and Not Associated with Adverse Events during Late Pregnancy and Early Infancy

Dietary supplementation with lactobacilli and bifidobacteria is well tolerated and not associated with adverse events during late pregnancy and early infancy

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

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Identification and H$_2$O$_2$ 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

The Anti-Inflammatory Activity of Curcumin Protects the Genital Mucosal Epithelial Barrier from Disruption and Blocks Replication of HIV-1 and HSV-2

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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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N-acetylcysteine replenishes glutathione in HIV infection

Functions of glutathione and glutathione disulfide in immunology and immunopathology.
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Bacterial probiotic modulation of dendritic cells
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Probiotic bacteria for prophylaxis and therapy of candidiasis

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Bifidobacterium animalis AHC7 protects against pathogen-induced NF-κB activation in vivo

Bacterial probiotic modulation of dendritic cells

Nutrients and HIV: N-acetylcysteine, alpha-lipoic acid, L-glutamine, and L-carnitine

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Mikronährstoffe contra Immunschwäche

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Aminosäuren und Hormone in der HIV-Therapie

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Emerging novel anti HIV biomolecules from marine Algae: An overview

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The development of probiotics for women's health

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Effect of Probiotic Supplementation on CD4 Cell Count in HIV-Infected Patients: A Systematic Review and Meta-analysis

Review of randomized controlled trials of nutritional supplementation in people living with HIV

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Resveratrol alleviates Staphylococcus aureus pneumonia by inhibition of the NLRP3 inflammasome

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Regulation of autophagy by amino acids and MTOR-dependent signal transduction

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Potential anti-hpv and related cancer agents from marine resources: An overview
Effect of Micronutrient Supplementation on Disease Progression in Asymptomatic, Antiretroviral-Naive, HIV-Infected Adults in Botswana
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Curcumin hormesis mediates a cross-talk between autophagy and cell death
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Curcumin, inflammation, and chronic diseases: how are they linked?
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Mitochondrial Free Radicals, Antioxidants, Nutrient Substances, and Chronic Hepatitis C
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Trace Elements/Minerals and Immunity
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Piperine Suppresses Pyroptosis and Interleukin-1β Release upon ATP Triggering and Bacterial Infection
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Strategies to limit immune-activation in HIV patients

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Genistein, estrogen receptors, and the acquired immune response

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Richer gut microbiota with distinct metabolic profile in HIV infected elite controllers

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Regulation of intestinal immune responses through TLR activation: implications for pro- and prebiotics

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Understanding the mechanisms of faecal microbiota transplantation

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Acetyl-L-carnitine in painful peripheral neuropathy: a systematic review
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