

News 2017

- [2nd Annual International Remote Conference: Science and Society](#)
- [A Broad Overview of HIV Treatments and Cures](#)
- [Alere HIV Combo Rapid Test](#)
- [Allergy and asthma across generations](#)
- [Antibodies protect against cytomegalovirus infection](#)
- [Antibodies with incomplete neutralization protect against SHIV](#)
- [Antibody cocktail to prevent Zika infection in pregnant women](#)
- [Antibody resistance does not play a role in mother-to-child-transmission](#)
- [Antibody that can control HIV replication](#)
- [Antibody-drug dual combination to fight cancer](#)
- [Application for CRISPR in muscular dystrophy](#)
- [Asthma increases susceptibility to influenza](#)
- [Asymptomatic Zika virus infection protects from re-infection](#)
- [Block-and-lock strategy to cure HIV](#)
- [Breastfed children less susceptible to asthma attacks](#)
- [Broad antibodies from HIV-infected individuals](#)
- [Cancer-killing viruses: the future of cancer therapy?](#)
- [Candidate heroin vaccine effective in primate model](#)
- [CD161+CD4+ T cells depleted at the Cervix during HIV Infection](#)
- [CD8 T cells are important for Zika virus control](#)
- [Cell-to-cell HIV transmission evades antibody responses](#)
- [Cerebral cavernous malformations enhanced by microbiome](#)
- [Changes in gut microbiome in Inflammatory Bowel Disease](#)
- [Characterization of novel antibody that recognizes HIV trimer](#)
- [Child maintains HIV remission without drugs](#)
- [Combination of 2 antibodies controls HIV replication](#)

- [Conventional antibody can neutralize HIV](#)
- [Cow immunizations generate broad HIV antibody responses](#)
- [Cross-reactive antibodies for Ebola vaccine](#)
- [CXCL13 predicts development of HIV-specific antibodies](#)
- [Deletion of TB protein eliminates cell heterogeneity](#)
- [Diabetes vaccine in sight](#)
- [Different gut microbes present depending on diet](#)
- [Dorsal foreskin cutting for effective HIV prevention](#)
- [Dysfunctional B cell subsets in TB patients](#)
- [Early Introduction of Peanuts Prevents Allergies](#)
- [Effect of BCG vaccination on HIV-exposed infants](#)
- [Effective mechanism to kill human viruses](#)
- [Elevated Th17 cells in “healthy” overweight children](#)
- [Engineered CD8 T cells flush out HIV reservoirs](#)
- [Environmental factors associated with asthma development](#)
- [Evidence for antibodies in control of HIV infection](#)
- [Expression of CD40L by CD8 T cells promotes autologous activation and differentiation](#)
- [Functional antibody immunity 40 years post Ebolavirus exposure](#)
- [Functional B cells needed to prevent preterm birth](#)
- [Garlic treats dengue virus inflammation](#)
- [Glycosylation consensus to aid HIV immunogen design](#)
- [GM-CSF and neuroinflammation](#)
- [Gonorrhoea superbug on the rise globally](#)
- [Gut bacteria induce pro-inflammatory response in MS](#)
- [Helminth protection by innate Type 2 immunity](#)
- [High salt intake linked to graft rejection](#)
- [Highlights from the Infectious Disease \(ID\) Week 2017 Conference](#)
- [Histamine releasing factor makes host vulnerable to malaria](#)
- [HIV escapes by novel mechanisms](#)
- [HIV immunogen based on precursor antibodies](#)
- [HIV Nef protein implicated in cardiomyopathy](#)
- [HIV PrEP Linked to Kidney Function](#)
- [HIV vaccine design with less mutated antibodies](#)

- [How effective are anti-TNF- \$\alpha\$ agents in treating sarcoidosis?](#)
- [How Tregs control liver damage](#)
- [HPV E7 protein downregulates antitumour immunity](#)
- [HPV-positive cancer cells are dormant in low oxygen conditions](#)
- [Identical viruses form HIV reservoir](#)
- [IL-10+ Th1 T cells associated with reduced malaria parasitemia](#)
- [IL-17RA deficiency and susceptibility to pathogens](#)
- [IL-4-producing B cells shift T cells to Th2 responses](#)
- [Immunomodulatory effect of lactic acid on the female reproductive tract](#)
- [Immunopaedia, the Official IUIS Learning Site](#)
- [Important role for antibodies in TB infection](#)
- [Inflammation associated with chronic fatigue syndrome](#)
- [Insight into immune activation caused by Ebola virus](#)
- [Interaction between microbiome and urogenital schistosomiasis](#)
- [International Remote Conference Highlights: Antibody response to malaria in Burkina Faso](#)
- [International Remote Conference Highlights: Can HAART be used to cure HIV?](#)
- [International Remote Conference Highlights: Establishment of memory CD8 cells to influenza](#)
- [Investigating HIV RNA expression during antiretroviral therapy](#)
- [Is HIV becoming more resistant over time?](#)
- [Lab mice may be too clean to use in studies](#)
- [Langerhans cells affect HIV transmission](#)
- [Link between schistosomiasis and HIV susceptibility](#)
- [Lung on a chip model recapitulates lung cancer pathology and therapy](#)
- [Malaria vaccine trial with promising results](#)
- [Malaria-induced anaemia reinforced by treatment](#)
- [Marginal zone B cells in cholesterol control](#)
- [Marijuana May Decrease ART Adherence](#)

- [Meat Allergy Develops from Tick Bite](#)
- [Mechanism behind malaria-induced autoimmunity](#)
- [Memory responses are not restricted to immune cells](#)
- [MHC Ib molecule protects against TB infection](#)
- [Microbiota in T cell survival](#)
- [Microorganisms in the eye protect against infection](#)
- [Microvilli in T cell activation](#)
- [mTOR implicated in the onset of asthma](#)
- [Mucosal cells enhance HIV entry into CD4 T cells](#)
- [Multi-site injections enhance immune responses](#)
- [Mycobacterium tuberculosis diversity](#)
- [MyD88-mediated cells against C. rodentium identified](#)
- [Neutrophils aid in immune tolerance during pregnancy](#)
- [New autoimmune disease driven by thymic tumour](#)
- [Next-generation RTS,S-like malaria vaccine](#)
- [No correlation between Vitamin D levels and vaccine responses](#)
- [No role for CD4 T cells in shift from latent to active TB](#)
- [Not all CD8 T cells have cytotoxic effects](#)
- [Novel cell population reduces response to tumours](#)
- [Novel mechanism for anti-cancer drug](#)
- [Novel mechanism reveals how leishmania evades immune system](#)
- [Optimizing HIV immunization strategies](#)
- [PD-1-based immunotherapy affected by gut microbiome](#)
- [Pharmacological treatment of lymphedema](#)
- [Plasmodium infection promotes bone loss](#)
- [Polyfunctional antibodies in the control of HIV](#)
- [Potential serological test capable of distinguishing Zika from Dengue infections](#)
- [Pre-diabetes associated M.tb-specific T cell dysfunction](#)
- [Preterm births alter ATP production and immunity](#)
- [Probiotic lotion as eczema treatment](#)
- [Probiotics induce double-positive intraepithelial lymphocytes](#)
- [Rapid evolution of the infant microbiome after birth](#)

- [Reason why immunotherapy does not work for all cancers](#)
- [Recycling of B cells in the humoral immune response](#)
- [Regulatory T cells delay clearance of malaria through CTLA-4](#)
- [Regulatory T cells help prevent CMV reactivation](#)
- [Reprogrammed T cells kill cancer](#)
- [Resident T cells improve melanoma prognosis](#)
- [Road to an effective HIV immunogen](#)
- [Role of horsepox in smallpox vaccine](#)
- [Role of IL-7 receptor in tuberculosis](#)
- [Role of T cells in Zika virus infection](#)
- [RTS,S/AS01E induces robust central memory responses to HBsAg but not to CSP](#)
- [Sensitive Zika virus diagnostic method using whole blood](#)
- [Severity of leishmania infection depends on time of day](#)
- [Short chain fatty acids improve inflammation of the eye](#)
- [Targeting an integrin as a potential HIV therapeutic](#)
- [Terminal differentiation of T cells during CMV & HIV infection](#)
- [The nutritional consequence of HIV-helminth coinfection](#)
- [Traits associated with the production of broadly neutralizing antibodies](#)
- [Transphagocytic CD4+ T cells are true APC capable of inducing functional CD8 memory cells](#)
- [Trispecific antibody for HIV therapy](#)
- [Type I interferons are important in anti-helminth Th2 immunity](#)
- [Type III IFNs in Hepatitis E persistence](#)
- [Using chemokine CXCL13 as a biomarker of germinal centre activity](#)
- [Vaccine induced T cell immunity, antigen localisation in bacterial vector matters](#)
- [Vaginal Microbiome Affects HIV Prevention](#)
- [Zika virus persists in cerebrospinal fluid and lymph nodes](#)
- [Zika virus replication in female genital tract](#)
- [Whole M.tb inherently induce highly differentiated T](#)

cells compared to H56 vaccination

- Kai 1 and Kai 2, new Dog Erythrocyte Antigens:
implications for clinical practice