**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-α 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