

Breaking News

- [Understanding Fetal Alcohol Syndrome: A Persistent Global Issue](#)
- [Reprogrammed Immune Cells Offer Hope in the Fight Against Glioblastoma](#)
- [Immuno Throwback – The Complex Relationship Between COVID-19 and Kidney Disease: A Closer Look](#)
- [Disease-Modifying Immunotherapy in Type 1 Diabetes](#)
- [CD47 – new insights into treatment of colorectal cancer](#)
- [Guardian Peptides Key to Balancing Defense and Protection in Neuroinflammatory Diseases](#)
- [The Immunological Landscape of Kidney Disease: Insights and Innovations](#)
- [Insights: CD4+ T Cell Tolerance and Autoimmunity](#)
- [Dual Role of the GID Complex in Cancer and Tuberculosis Opens Doors to Novel Therapies](#)
- [Understanding SARS-CoV-2's Enzyme: A Key to Its High Infectivity and Potential Treatments](#)
- [Immuno Throwback – Resident Memory T Cells and Cancer Immunity](#)
- [Novel Alveolar Macrophage Model Sheds New Light on Tumor Necrosis Factor's Role in Tuberculosis](#)
- [Microbial Survival Strategies in Extreme Environments](#)
- [Prediction of disease – using immune signatures](#)
- [Mechanisms of GBP1: A Key Protein in the Body's Defense Against Bacterial Infections](#)
- [Immuno-Throwback: Herpes Simplex Virus-1 in the Brain](#)
- [Novel insights into organ transplant rejection](#)
- [Nanotube-Mediated Mitochondrial Transfer: Enhancing T Cell Power Against Cancer](#)
- [A New Study Underscores the Importance of Breastfeeding for Infant Health](#)
- [Immuno Throwback – The Neuroimmunology of Chronic Stress](#)
- [A New Frontier in Autoimmunity: The Role of Neoself-](#)

Antigens

- The Eye's Immune Defense: A New Perspective
- Immuno Throwback – Advances in Cutaneous T-cell Lymphoma Research
- Fever's Double-Edged Sword: A Cellular Perspective
- The Itch Behind Allergies: A New Understanding
- Disease-specific Transcriptional Programs Govern Airway Goblet Cell Hyperplasia in Asthma and Cystic Fibrosis
- Acute Kidney Injury (AKI): A Role for Macrophage Lipid Mediators
- Childhood Immunisation Holds Promise for HIV Prevention
- Immuno Throwback – Role of Inflammatory Cytokines TNF- α and IL-17 in the Pathogenesis of Disease
- A New Pathway to Skin Health
- T Cells and Innate Immune Memory
- Immunology Throwback – Effects of Airway Surface Liquid pH on Host Defence in Cystic Fibrosis
- Gut Microbes and the Development of Allergies: A New Understanding
- Immunology Throwback – Roles of Antimicrobial Peptides in Airway Mucosa and Cystic Fibrosis
- New insights – Proteomic aging and age-related diseases
- A Novel Approach to Combat Heart Transplant Rejection
- Immune Suppression in Chronic Hepatitis B: A Novel Mechanism
- Celiac Disease: novel breakthrough!
- A Potential Breakthrough in Long COVID Treatment
- Maternal Influenza and Fetal Neurodevelopment
- Insights into immune evasion by respiratory bacteria
- Circadian tumor infiltration and function of CD8+ T cells dictate immunotherapy efficacy
- Engineered B Cells: A New Frontier in Immunotherapy
- Organoid models elucidate Celiac disease pathogenesis
- Insights into the immunological roots of stroke
- Unveiling Biomarkers for COVID-19 Outcomes
- Emerging Biomarkers in HIV Care: The Role of Platelet Index Ratios

- [New insights – Spatiotemporal control of necroptosis](#)
- [Exercise Boosts Cancer-Fighting Immune Cells in Breast Cancer Patients](#)
- [T Cells Take Aim at Merkel Cell Carcinoma](#)
- [A New Hope in HIV Vaccine Development: Targeting Broadly Neutralizing Antibodies](#)
- [New Research Sheds Light on Lupus Pathogenesis](#)
- [Potential Treatment for Ulcerative Colitis: Targeting Stem-like T Cells](#)
- [New Hope for Personalised Treatment of Neuromyelitis Optica](#)
- [How Hepatitis E Evades the Immune System and Becomes Chronic](#)
- [Fat Fighters: How Macrophages Link Obesity and Cancer Treatment](#)
- [Fasting Might Boost Your Body's Natural Cancer Fighters: New Study in Mice](#)
- [Muscle Mend: Macrophages Morph to Heal After Injury](#)
- [Placental Clues: Monitoring Fetal Brain Development](#)
- [Does pre-TCR \$\alpha\$ deficiency have any effect on human beings?](#)
- [What dose of SARS-CoV-2 is safe enough to induce infection in seropositive individuals?](#)
- [Heart Failure's Hidden Culprit: How It Alters Stem Cells and Fuels Disease](#)
- [Epstein-Barr Virus: Targeting Metabolism to Curb Cancer Risk](#)
- [Eosinophils: Unveiling the Mysteries of These Immune Cells](#)
- [News Insight – Bystander neutrophils and Mtb infection](#)
- [C-Section and Measles Vaccine: One Dose May Not Be Enough](#)
- [Melanoma: New Blood Test Predicts Response to Immunotherapy](#)
- [Dirty Air and Altered Genes – Risks for infants](#)
- [AI Paves the Way for Personalized Cancer Immunotherapy with Powerful T Cell Selection](#)

- [Gut Microbiome Harmony in Dads May Be Crucial for Healthy Offspring: New Study in Mice](#)
- [Scientists gain insights into TLR7](#)
- [Engineered Off-the-Shelf Cells Offer New Hope for Glioblastoma Treatment](#)
- [Negatives After Stroke or Heart Attack – Increased Infection Risk and Potential Treatments](#)
- [A Weapon Against Superbugs: Promising New Vaccine Candidate Emerges](#)
- [New Hope for Treatment-Resistant Lyme Disease: Targeting Inflammation](#)
- [Never Too Early to Exercise: Long-Term Benefits of Early Life Exercise](#)
- [Hidden Sugars: Unveiling a Link Between HIV and Accelerated Aging](#)
- [New Hope for Chronic Hepatitis B: Boosting T Cell Power](#)
- [New Blood Test May Help Diagnose and Treat Long COVID](#)
- [Alzheimer's Breakthrough: Microglia Power Up to Clear Harmful Plaques](#)
- [Mapping the Gut: A New Tool Unveils Secrets of Inflammation](#)
- [A New Twist in the COVID's story: Antibodies Gone Rogue](#)
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- [New Hurdle for CAR T-Cell Therapy in Aggressive Blood Cancer](#)
- [Baby Gut Bacteria: Serotonin Powerhouse for Early Immunity!](#)
- [New Hope for a Type 1 Diabetes in Liposome Therapy](#)
- [Immune cells of the liver – fighting cholesterol](#)
- [Exciting New Target Discovered for Epstein-Barr Virus](#)
- [Sleep can strengthen your immune response](#)
- [New Hope for Cervical Cancer – A Promising Therapy](#)
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- [Interfering with T cell help: IFN- \$\beta\$ for Enhanced Anticancer Immunity](#)
- [Baby Power: Surprising Strength of Newborn Immune Systems](#)

- [A Glimpse into the Future of HIV Treatment](#)
- [CAR T-cell therapy – a potential treatment for autoimmune diseases](#)
- [Alzheimer's: new insights found in our blood and the immune system](#)
- [Smoking's Shadow: How It Alters Your Immune System Even After Quitting](#)
- [Stressful Signals: How Your Body Talks to Your Brain](#)
- [Atypical B Cells: Unsung Heroes in the Fight Against Malaria](#)
- [How T cells combat tuberculosis](#)
- [Impacts of diet choice on your immune system](#)
- [Interrogation of the T cell landscape in pediatric brain tumors](#)
- [Breast milk – immune insights](#)
- [Using AI for immunotherapy](#)
- [Long COVID and complement activation](#)
- [Remodelling of alveolar macrophages to combat Mycobacterium infection](#)
- [Guillain-Barré syndrome – new insights](#)
- [Cytokine storm – insights into new treatments](#)
- [Inflammation and ALS – inhibition to reduce symptoms](#)
- [The gut microbiome and inflammation – new insights](#)
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- [Vaccine development – new insights from epitopes](#)
- [Advancements in CAR T-Cell Therapy: A Promising Clinical Outlook](#)
- [The battle against Herpes – insights](#)
- [Unveiling Zika Virus' Multi-Purpose Enzyme: A Potential Therapeutic Target](#)
- [Inflammaging – new insights](#)
- [New insights: hypertension-induced dementia](#)
- [Accelerating Tuberculosis Vaccine Development: Insights from BCG Studies](#)

- [Novel immune cells unveil potential trigger for severe asthma](#)
- [Food allergies and cardiovascular health](#)
- [Reprogramming Brain's Defense Cells into Neurons Aids Stroke Recovery](#)
- [Key immune threshold identified for SARS-CoV-2](#)
- [Unlocking the secrets of the thymus: a window into immune system aging](#)
- [AI and vaccine development for gonorrhoea](#)
- [A sugar-enzyme link to tumour growth suppression](#)
- [Mycobacterium tuberculosis – cord formation and antibiotic resistance](#)
- [Mycobacteria have an albumin binding capacity – possible implications](#)
- [Prior exposure to common virus may protect the fetus](#)
- [Cytomegalovirus – new insights into immune protection](#)
- [New technique for targeted immunotherapy shows promise in mice](#)
- [New insights into mosquito-to-human viral transmission](#)
- [A Hidden Haven: how Leishmania parasites hide in our cells](#)
- [A new protein may be key in placental health](#)
- [Elders' vs new-borns and children – insights into immune phenotypes](#)
- [New imaging agent – improved prediction of HER2 positive metastatic breast cancer](#)
- [Triple-negative breast cancer – a potential treatment on the horizon](#)
- [Enhancing B Cell Memory: The Role of Autophagy and the RUBCN Protein](#)
- [Cracking the Code of Implant Rejection – new insights](#)
- [Neutrophils – new insights for clinical studies](#)
- [Maternal immunity: how mothers “remember” their babies and understanding pregnancy pathology](#)
- [A link: Atopic Dermatitis and Inflammatory Bowel Disease](#)
- [Antibody diversity – new insights](#)
- [New biomarker for vascular dementia](#)

- [Our immune system...in space](#)
- [kidney-on-a-chip – cancer and immune insights](#)
- [Malaria vaccine – positive results within a Tanzanian cohort](#)
- [Severe COVID-19 may change your innate immune system](#)
- [Using immune cells to predict flu](#)
- [Human-derived 3D model for Alzheimer’s disease – immune insights](#)
- [Evaluating a Peptide-Based T-Cell Activating COVID-19 vaccine – Insights from a Phase I/II Trial](#)
- [Parkinson’s disease – new insights into immune cell landscape](#)
- [Using a virus to treat Pancreatic Cancer](#)
- [More robust immune systems in children from rural areas](#)
- [Mapping macrophage diversity in liver diseases](#)
- [T cells and type 1 diabetes prevention](#)
- [The potential of T cell activation markers for TB diagnostic development](#)
- [The landscape of human cornea – immune cells](#)
- [Immunoregulation in the brain – new insights](#)
- [Mitochondrial disorder linked to a weaker immune response](#)
- [Allergen sensitization – insights into atopic dermatitis and other skin disorders](#)
- [Key discovery in our battle against HIV](#)
- [MS, inflammation and the brain – new insights](#)
- [How melanoma evades the immune system](#)
- [B cells and PCOS](#)
- [Single-cell RNA sequencing – new insights into cancer](#)
- [New insights into inflammation](#)
- [How metabolic rewiring influences macrophage function](#)
- [Early loss of a parent may impact our immune systems](#)
- [Lupus and the microbiome – the flare](#)
- [Anti-tumour T-cell activation from B-cells](#)
- [Making cancer immunotherapy safer](#)
- [Genetics and allergies](#)
- [Placental protection of the fetus – new insights](#)
- [Respiratory Syncytial Virus \(RSV\) infection – the role](#)

of T cells

- The immune system during old age
- Skin aging – IL-17 a role player
- Harmful blood in the brain – immune insights
- Autoantibodies in Systemic Autoimmune Diseases
- Stress mediated stirring up of the immune system
- New insights – drug resistance malaria
- Decoding HIV – insights from an animal model
- Smallpox vaccine for mpox?
- Single cell profiling at the maternal–fetal interface – insights
- A skin patch for peanut allergy
- A positive sign for prostate cancer treatment
- Inflammatory bowel disease – mapping the immune system of the gut
- TB and HIV – an enhanced antibody response
- Modelling the brain – new insights
- How some individuals with immunodeficiency defend themselves against infection
- Using gamma T cells to fight TNBC
- PSGL-1 regulates CD8+ T Cell Exhaustion
- Clear cell renal cell carcinoma – new “spatial,” insights
- Chronic transplant rejection – new insights
- Possible new treatment for rheumatoid arthritis
- Using lab grown organs to test vaccines
- Immunity in centenarians – keys to life?
- Improving pancreatic cancer therapy – insights
- The early stages of HIV infection – new insights
- Phosphatidylserine-positive extracellular vesicles – boosting effector CD8+ T cell responses
- Regulatory T cells – new insights
- How neutrophils can be used to fight cancer
- New insights into mechanisms of HIV infection
- Enhancing the immune system to fight TB infection
- COVID-19 and HIV – how antibody responses are affected
- The immune system and liver disease – new insights

- [The immune system – new insights](#)
- [Is trained immunity impacted by revaccination or BCG dose?](#)
- [Inflammation in soft gums – insights](#)
- [The role of T cells in Alzheimer’s disease – novel insights](#)
- [COVID-19 – creating a vaccine that can change with the virus](#)
- [Eliminating metastatic breast cancer in mice – immunotherapy insights](#)
- [How immune cells fight chronic infection or disease – new insights](#)
- [Specific B cell targeting to treat lupus](#)
- [Why prematurely born babies are more susceptible to infection](#)
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- [First COVID-19 vaccination may affect booster shot efficacy](#)
- [Defining more roles for Natural Killer cells](#)
- [A potential cure for HIV may exist in stem cell transplantation – however...](#)
- [Priming the immune response with ginger](#)
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- [Is salt bad for you? Starving immune regulators of energy](#)
- [Blocking SARS-CoV-2 infection – new insights](#)
- [T cell exhaustion- new insights](#)
- [Do your genetics make you more susceptible to infections?](#)
- [New TB drug regimen may not work against TB meningitis](#)
- [Epstein-Barr virus – novel insights into the immune response to the virus](#)
- [Novel insights into the treatment of lupus](#)
- [COVID-19 and the innate immune system – long term effects](#)
- [Immune response diversity driven by B cells](#)
- [Understanding gut inflammation using caterpillars](#)

- [Vaccines and respiratory viruses](#)
- [Insights into the mechanism lung cancers use to evade the immune system](#)
- [Newly discovered IFN- \$\gamma\$ role in Metabolic reprogramming to support Tumor Evasion](#)
- [A vaccine for brain cancer?](#)
- [COVID-19 vaccination may offer cancer protection](#)
- [Novel therapy to reduce immune rejection of transplant cells](#)
- [Why we lose our smell – COVID-19](#)
- [Insights into the regulation of inflammation](#)
- [Blood clotting – insights into sepsis](#)
- [Respiratory infections – common \(in\) cold \(temperatures\)](#)
- [Your gut microbiome and white blood cells](#)
- [Leukemia linked T cells may drive autoimmune diseases](#)
- [Predicting patient responses to COVID-19 immunotherapies](#)
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- [Atypical B cells as biomarkers of renal complication in lupus patients](#)
- [Improved cancer treatment response in those with COVID vaccination](#)
- [Tumor associated macrophages: the future targets for anti-melanoma immunotherapy ?](#)
- [Novel insights – regulating skin inflammation](#)
- [Vimentin and its role in COVID-19 infection](#)
- [How the brain slows us down when we are sick](#)
- [Improving vaccine immunity against fungal pneumonia](#)
- [Time of day for COVID-19 vaccination does not matter](#)
- [Non-invasive tumour immune cell monitoring](#)
- [Infection in the brain – defenses and consequences](#)
- [What determines COVID-19 disease persistence and severity?](#)
- [Novel treatment approach for asthma without negative immune system effects](#)

- [Development and use of cellular behavioural landscapes to describe inflammatory states](#)
- [The interplay between LRRCL5+ myofibroblasts and anti-tumour immunity](#)
- [The opportunity to boost antiretroviral therapy interventions through maternal vaccination](#)
- [Rebound to COVID-19 – not from impaired immunity](#)
- [The humoral response as a marker in patients with chronic obstructive pulmonary disease](#)
- [How to boost immunotherapies against B-cell leukemia](#)
- [SARS-CoV-2 can infect adipose tissue](#)
- [Lack of sleep and your immune system](#)
- [What effect does anti PD-1 therapy have on responses to the influenza vaccine?](#)
- [Vaccine-associated enhanced respiratory disease in hamsters vaccinated against COVID-19](#)
- [Increased activity of Neutrophil Elastase in sera of SLE patients during the COVID-19 pandemic](#)
- [Inhibiting Mycobacterium tuberculosis infection](#)
- [SARS-CoV-2 infection following vaccination – more robust immunity](#)
- [Novel protein linked to rheumatoid arthritis pathogenesis](#)
- [Using viruses to fight cancer](#)
- [Antibodies from cows may provide protection from Mycobacterium avium subsp. paratuberculosis](#)
- [A 'side-ways' mechanism of detection in CD1a and \$\gamma\delta\$ T cell receptor interactions](#)
- [Neutrophils as biomarkers for COVID-19 and recovery](#)
- [What does HIV infection have to do with T follicular regulatory cells \(TFRs\)?](#)
- [What role do CD137L and CD4 T-cells have in B-cell lymphoma immuno-surveillance?](#)
- [Blocking of an important coronavirus enzyme with natural compounds](#)
- [Helminths and Vaccine responses](#)
- [A map of the immune system](#)

- [CD8 T-cell mediated vaccine protection against SARS-CoV-2](#)
- [The emergence of inflammatory monocytes as the leukemia anteroom.](#)
- [New insights into the interferon response to SARS-CoV-2](#)
- [Distinct antibody responses as biomarkers to monitor cancer immunotherapies](#)
- [Promising new insights: the immune response following a stroke](#)
- [IL-25 blockade as a therapeutic strategy for asthma](#)
- [Using bacteria to fight cancer](#)
- [Unique genes: the innate immune response and tuberculosis](#)
- [SARS-CoV-2 Omicron variant in hamsters is not as deadly as we think](#)
- [Nasal spray immunisation: potential use against HIV and SARS-CoV-2 shown in an animal models](#)
- [Cancer, collagen the microbiome and immunity – a link!](#)
- [COVID-19 and the brain – new insights](#)
- [Can reprogramming CD8 T-cells contribute to a cure for a HIV?](#)
- [An inflammatory pathway linked to autoimmune diseases](#)
- [Developing new tools to combat COVID-19](#)
- [SARS-CoV-2 omicron variant hardly evade neutralization by S309](#)
- [Hair growth and our immune system](#)
- [SARS-CoV-2 – a weakness?](#)
- [The immune system and obesity](#)
- [Adaptations of tissue-resident memory T cells](#)
- [Using lipid nanoparticles for cancer treatment](#)
- [A vaccine with a dual threat to cancer](#)
- [Can BCG vaccination reduce mortality and morbidity from COVID-19?](#)
- [A potential new vaccine for rabies](#)
- [Does cancer immunoediting occur in humans?](#)
- [What happens to your cilia during SARS-CoV-2 infection?](#)
- [T cell lineage fate is driven by CD4 and CD8 co-receptor](#)

gene loci

- Novel insights: immunotherapy responses in lung cancer
- Comparing four COVID-19 vaccines
- Does the timing of granuloma formation affect TB control?
- ATLAS – describing SARS-CoV-2 variant T-cell responses
- Human M1 macrophages champion the control of TB disease
- Cannabidiol – a potential tool for fighting SARS-CoV-2
- Improving Chagas disease diagnosis and treatment
- Bifonazole – a potential treatment for SARS-CoV-2 infection
- Immunodiagnostic of onchocerciasis: do we have the right tool to end the game?
- Stopping inflammation in its tracks
- T cells and melanomas – a potential predictive tool
- COVID-19 mortality and genetic predisposition
- Novel vaccines induce neutralising antibodies against Epstein-Barr virus in mice
- SARS-CoV-2 and partial resistance to remdesivir
- Enhancing the immune response: skin bacteria and the smallpox vaccination
- Leaky gut in COVID-19 and its impact on Neutrophil Extracellular Trap formation
- Where is single cell genomics taking the field of Immunology?
- TB diagnosis in children: metabolite biomarkers
- Atopic dermatitis and the skin microbiome
- Improving treatments for autoimmune diseases
- Developing monoclonal antibodies against SARS-CoV-2
- TB treatment with diabetes comorbidity: new insights
- SARS-CoV-2 and T-cell escape
- B cell signalling deficiencies – new insights into treatments
- SARS-CoV-2 and mucosal immunity
- The role of the PD-1 blockade in Mycobacterium tuberculosis infection
- Sugar and autoimmune diseases: what are the risks?

- [B-cell immunity against SARS-CoV-2 in unexposed individuals](#)
- [Enhanced production of effective and personalised vaccines for cancer](#)
- [COVID-19: antigen-specific T cell response and immunometabolomic signatures](#)
- [Biomarkers to identify Mycobacterium tuberculosis-infection: finding the needle in a haystack](#)
- [T cells and skin disease](#)
- [B-cell immunity following SARS-COV-2 mRNA vaccination – 6 months on...](#)
- [A potential mRNA vaccine for SARS-CoV-2 Omicron variant](#)
- [More than a gut feeling: The implication of gut microbiota in the pathology of Alzheimer's Disease](#)
- [MAIT cells – a new target for future immunotherapies and vaccines](#)
- [Immune memory in the intestine: new insights into “innate memory”](#)
- [A new tool fight SARS-CoV-2: an ACE2-blocking antibody](#)
- [Novel HIV-1 variant found in Netherlands: the implications](#)
- [Understanding the immune system and COVID-19: New insights](#)
- [Ovarian cancer and immune evasion](#)
- [A new TB vaccine – is it cost-effective and efficient?](#)
- [More SARS-CoV-2 variants?](#)
- [HIV vaccine progress](#)
- [A nanoparticle based vaccine for SARS-CoV-2 neutralization and protection](#)
- [Predicting transplant rejection using proteoforms](#)
- [Epstein-Barr Virus found to trigger Multiple Sclerosis](#)
- [Treatment with interferon- \$\lambda\$ confers protection from SARS-CoV-2 variants – Beta and Omicron](#)
- [Th17 and Multiple Sclerosis \(MS\)](#)
- [A potential end to peanut allergies?](#)
- [Why is SARS-CoV-2 Omicron less severe than Delta?](#)
- [A new target for TB treatment with great potential](#)

- [Formation of tertiary lymphoid tissue: fighting chronic inflammation](#)
- [Our natural defence to skin cancer – new insights](#)
- [Can we use cannabinoids to block SARS-CoV-2 viral entry?](#)
- [Toothpaste – a trigger for gut inflammation](#)
- [How do immune cells invade tissue?](#)
- [T-cell response to SARS-CoV-2 Omicron](#)
- [B cell lymphomas and the role of TET enzymes](#)
- [Changes in SARS-CoV-2 Omicron variant spike protein](#)
- [Resistance to key antimalarial drug?](#)
- [COVID-19 and idiopathic pulmonary fibrosis \(IPF\)](#)
- [Can fat help us combat infection?](#)
- [Antibody profile in response to SARS-CoV-2 – serological profile and specificity of maternal and neonatal cord blood](#)
- [Germline mutations in innate immunity associated with the risk for breast cancer: case of C-reactive protein](#)
- [New Insights into the diagnosis, prognosis and monitoring of Multiple Myeloma: What's the role of the Heavy/Light Chain Assay?](#)
- [Antiretroviral therapy influences tumour development in patients with HIV](#)
- [Promotion of protective anti-tumour CD8+ T cell immunity – a new treatment for tumours](#)
- [Alzheimer's Disease – a potential vaccine?](#)
- [Immune system evasion – the HIV-infected cell](#)
- [Improving existing malaria vaccines – new insights](#)
- [Detection of autoantibodies in patients with multisystem inflammatory syndrome in children \(MIS-C\)](#)
- [Immunotherapy – new insights into how CD8+ T cells become unresponsive to treatment](#)
- [Predicting response to immunotherapy in patients with clear cell renal cell carcinoma \(ccRCC\)](#)
- [Pregnancy and its influence on the immune response to SARS-CoV-2](#)
- [Toxoplasma gondii-Induced Neutrophil Extracellular Traps Activate Neutrophils and promote T cell recruitment](#)

- [Neutrophils as potential early indicators of tuberculosis severity](#)
- [Microbial fitness and IgA – a balancing act for the intestinal flora](#)
- [Malaria Vaccine Breakthrough: Shaking or Stirring the Field?](#)
- [A novel immunogene CD47-targeting therapy inhibiting tumour growth](#)
- [A novel inhibitor of dengue virus](#)
- [Variations in leukocytes – three months following mild COVID-19 infection](#)
- [Insights into the development of the blood and immune systems in prenatal bone marrow](#)
- [New hope – a potential new treatment for sepsis](#)
- [Identification of D6R and C5aR2 as key molecules with the potential to combat inflammatory diseases](#)
- [Microglial cells – immune cells of the CNS breaking down harmful proteins in the brain](#)
- [A new cell type contributing to inflammatory skin diseases](#)
- [How does vitamin A enter our intestinal immune cells and what are the implications?](#)
- [Neutrophilic aid – extracellular traps to enhance macrophage directed bacterial killing](#)
- [A new tool for predicting COVID-19 severity and prognosis](#)
- [Ad26.CoV2.S vaccine significantly boosts pre-existing SARS-CoV-2 specific antibodies but not CD4 T cell immune responses](#)
- [A potential new biomarker for Preeclampsia](#)
- [Reprogramming the Tumour Microenvironment – Improving Cancer Survival](#)
- [Does B.1.351 SARS-CoV-2 variant escape T cell immune responses?](#)
- [Neutrophil dominance leads to protection from P. falciparum blood-stage merozoites](#)
- [A novel pathway of immune and host cell evasion by](#)

Mycobacterium tuberculosis

- Pre-clinical evaluation of a vaccine that induces both SARS-Cov-2 and yellow fever virus immunity.
- Can neutrophils adopt antigen-presenting cell functions, and if so how?
- IUIS Webinar: HIV prevention- antibodies and vaccine development (part 2)
- IUIS Webinar: HIV prevention- antibodies and vaccine development (part 1)
- Potent neutralising antibodies against SARS-CoV-2 variants of concern.
- World Hepatitis Day: proof of concept HCV nanoparticle vaccine
- Immunogenicity of heterologous SARS-CoV-2 vector vaccine prime-mRNA vaccine boost vaccination strategy
- Global Immunotalks Highlight: Immune responses after dengue virus infection: friend or foe?
- What does HLA-DR expression on CD4 T cells indicate?
- IUIS-Immunopaedia-Frontiers Webinar: Immunopathology of COVID 19 lessons from pregnancy and from ageing
- Could infection with other viruses provide protection from SARS-CoV-2?
- Microbes prime foetal immune cells during early human development
- The role of emergent food allergies in rethinking vaccine strategies
- How Sickle-trait hemoglobin protects against severe Plasmodium falciparum malaria
- HIV-1 and TB coinfection skews the SARS-CoV-2 T cell response
- WNT7A: The new marker for resting T cells
- Does serial administration of HIV-specific VRC01 bnAbs prevent HIV acquisition?
- An update on the Shock and kill HIV cure strategy
- IUIS-Immunopaedia-Frontiers Webinar: Clinical representation of hyperinflammation
- IUIS-Immunopaedia-Frontiers webinar: In-depth

characterisation of immune cells in Ebola virus.

- BCG reduces all-cause infectious diseases in the first 6 weeks of life in infants!
- IUIS-Immunopaedia-Frontiers webinar: Getting to the “bottom” of arthritis
- Immuno-Colombia: Overview of immunotherapy
- Immuno-Colombia: Therapeutic cancer vaccines
- Immuno-Colombia: Tumour infiltrating lymphocyte therapy (Part 2)
- Immuno-Colombia: Tumour infiltrating lymphocyte therapy (Part 1)
- Immuno-Colombia: MDSCs promote tumour growth and escape
- Immuno-Colombia: Anti-cytokine therapies (Part 2)
- Immuno-Colombia: Anti-cytokine therapies (Part 1)
- Immuno-Colombia: Checkpoint Blockade-based Therapies (Part 2)
- Immuno-Colombia: Checkpoint Blockade-based Therapies (Part 1)
- Exploring characteristics of COVID-19 to guide public health policies & therapeutic interventions.
- C5a-C5aR1 axis plays a role in cobra venom immunopathology.
- Antibody response to vaccination post-COVID-19 infection
- Aged Neutrophils support tumor metastasis
- P.falciparum secretes extracellular vesicles with functional 20S proteasomes to prime RBCs for parasite invasion
- Pregnant women show elevated levels of anti-inflammatory glycosylation patterns of IgG antibodies
- First report on Effectiveness of HPV Vaccination in LMICs – Rwanda and Bhutan
- Does ACE2 expression & cytotoxic lymphocyte levels indicate a risk factor for COVID-19?
- Immunopathogenesis of Autoimmune Hepatitis
- B1.351 (501Y.V2) induces cross-reactive Ab responses to other SARS-CoV-2 variants.
- IUIS-Immunopaedia-Frontiers Webinar on Immunology taught

by P. falciparum

- Is tumour circulating DNA a better tool for cancer diagnostic and prognostic than immunological biomarkers?
- HPV & HIV infection are associated with high levels of activated CD4 T cells in the cervix uteri
- Predicting tissue graft outcomes using immune markers
- JoAnne Flynn: BCG IV vaccination induces sterilising M.tb immunity.
- Flynn Webinar: What immune cells play a role in protection against M.tb re-infection?
- Flynn Webinar: Immune features associated natural infection
- BCG vaccination reduces infection in the elderly
- Exploratory study investigates the relationship between recent vaccinations and SARS-CoV-2 infection rates.
- Statins: improved survival rates and reduced mortality rate in COVID-19 patients.
- Myeloid-derived suppressor cells: drivers of severe COVID-19 disease?
- Webinar on harnessing innate immunity from cancer therapy to COVID-19
- Uterine NK cell differentiation during the menstrual cycle and pregnancy.
- Global ImmunoTalk on dissecting the interaction of parasites with the immune system
- Researchers may have found a way to “cure” cat allergies?
- The antibody response to SARS-CoV-2 501Y.v2 variant and vaccine implications
- Do mutations in SARS-CoV-2 variants reduce the functional activity of mRNA-vaccine elicited Abs?
- IUIS/Immunopaedia-Frontiers Webinar on Immunoregulation and the tumor microenvironment
- Are current putative COVID-19 vaccines effective against the B.1.351 variants?
- Phase 2a trial provides evidence for potential pancreatic cancer immunotherapy

- [COVID-19 is associated with increased MAIT cell activation and cytotoxicity](#)
- [Saliva viral load could be a potential correlate of severe COVID-19](#)
- [Mutations in SARS-Cov-2 B.1.351 variant reduces vaccine induced Ab neutralisation](#)
- [Immuno-metabolism and cognitive decline](#)
- [Ad26.COV2.S is safe and immunogenic](#)
- [SARS-CoV-2-specific Memory B cells persist up to 8 months post infection.](#)
- [Gene editing as a potential sickle cell disease immunotherapy.](#)
- [Not all SARS-CoV-2 mutations lead to reduced antibody neutralisation capacity](#)
- [Development of a serological diagnostic of Johne's Disease](#)
- [Efficacy and Safety of the mRNA-1273 SARS-CoV-2 Vaccine](#)
- [Lack of interference by type I interferons leads to severe COVID-19](#)
- [BNT162b2 and ChAdOx1 nCoV-19 COVID-19 vaccine efficacy results](#)
- [Potential vitiligo immuno-therapeutic: antigen-specific CAR-Tregs](#)
- [Vaccine elicitation of engineered HIV-specific B cells: inducing bnAbs](#)
- [Which COVID-19 vaccine will be the most effective?](#)
- [SARS-CoV-2 serological assay on-a-chip.](#)
- [How does SARS-CoV-2 evade the immune defences?](#)
- [Investigating Ebola immunity using single cell technologies](#)
- [Investigating the role of surfactants during TB using the lung-on-a-chip model](#)
- [Gut Inflammation Linked to a Debilitating Skin Condition](#)
- [Safety and immunogenicity of Sputnik V vaccine](#)
- [SARS-CoV-2 mRNA-1273 vaccine shows signs of potential efficacy](#)
- [Pfizer and BioNTech COVID-19 vaccine](#)

- [The role of Galectin-3 in the tumor microenvironment](#)
- [Developing an oral polio vaccine that does not cause vaccine-associated polio](#)
- [Meningeal-IgA+ plasma cells contribute to CNS-immunity](#)
- [Should we consider aerosol vaccines for COVID-19](#)
- [Testing potential neonatal sepsis drugs using a murine neonatal sepsis.](#)
- [Granuloma formation during S.mansoni infection: protective or pathogenic?](#)
- [Impact of intermediate hyperglycaemia and diabetes on immune dysfunction in TB](#)
- [NIX is essential for systemic metabolic reprogramming of immune cells mediating tuberculosis protection](#)
- [NIH COVID-19 lecture on SARS-CoV-2 mRNA vaccine](#)
- [Auto-antibody responses to type I IFNs is a clue to severe COVID-19](#)
- [Do lipid bodies play a role in innate immunity?](#)
- [Trained Immunity in Dogs.](#)
- [NIH COVID-19 lecture on SARS-CoV-2 neutralising antibodies](#)
- [Why is flu vaccine induced immunity short-lived?](#)
- [Molecular mimicry: perfect match propels pathologies](#)
- [SAIS/Immunopaedia Webinar: Immunothrombosis & COVID-19](#)
- [Safety and immunogenicity of the SARS-CoV-2 mRNA-1273 vaccine candidate in older age.](#)
- [Genetically modified Lactococcus lactis- A potential microbial therapeutic for acute colitis?](#)
- [IUIS Webinar: Impairment of the immunological and neurological synapses by respiratory viruses](#)
- [Safety and immunogenicity of the Ad26.COV2.S COVID-19 vaccine candidate.](#)
- [Why do people with the Dantu blood group have a lower risk of developing malaria?](#)
- [Boosting of antibody responses against the V2 and V3 region of the HIV-1 Env](#)
- [SAIS/Immunopaedia COVID-19 Webinar on Severe vs mild COVID-19 immunity, and intersection between Nicotinamide](#)

pathway & COVID-19.

- A mechanism for severe COVID-19 in patients with obesity and diabetes?
- HIV Viral reservoir: quality rather quantity matters
- We need innovative tools to diagnose Coeliac disease
- IUIS Webinar: Tracking SARS-CoV-2 in Ghana
- Inclusion of non-spike proteins in SARS-CoV-2 vaccines may be important for the induction of protective T cell memory.
- CD229 CAR: New therapy for multiple myeloma
- Immuno-Algeria: Drug hypersensitivity in TB/HIV endemic settings
- SAIS/Immunopaedia Webinar on BCG & COVID-19
- Male and female immune responses to SARS-CoV-2 substantially differ.
- How the Regulator is Regulated: Insight into immune-related Protein holds therapeutic value
- Immuno-Algeria: Non-invasive allergy biomarkers & next-gen immunotherapies
- Are Lung microbial products driving hyperinflammation in severe COVID-19?
- IUIS Webinar: COVID-19 & Immune Compromise
- SARS-CoV-2 infection of the placenta
- Immuno-Algeria: Microbial dysfunction & allergy
- Can saliva be used to test for antibodies to SARS-CoV-2?
- SAIS/Immunopaedia Webinar: COVID-19 Vaccines
- COVID-19 & Multisystem inflammatory syndrome in children
- Do SARS-CoV-2-specific T cells confer long-lived protection?
- Immuno-Algeria: Allergic activity of IgE binding molecules
- Convalescent plasma therapy for COVID-19 is safe.
- IUIS Webinar: Stress dampens anti-viral immunity
- COVID-19 in vitro studies: Use the right cell line
- SAIS/Immunopaedia Webinar: Antibody responses and serology testing
- Immuno-Algeria: IgE & its receptors as a pharmacological

targets

- SARS-CoV-2 monoclonal antibodies as potential COVID-19 treatment.
- IUIS Webinar: Predicting survival and severity of COVID-19
- Treating COVID-19 with immunoglobulins, should we be cautious?
- RNA-based vaccine BNT162b1 induces robust IgG and T cell immunity
- IUIS Webinar: Longitudinal COVID-19 Immune Profiling
- Immuno-Algeria 2020: Cellular components of the allergic response
- Tissue tolerance in COVID-19
- Does the D614G mutation in SARS-CoV-2 spike protein result in the virus being more susceptible to neutralization by the host?
- Is blocking inflammatory cell movement using chemokine receptor antagonists the way to go?
- Is there a role of T cells in immune protection to SARS-CoV-2 infection and COVID-19?
- Immuno-Algeria 2020: Introduction to allergy and molecular diagnosis
- Rapid decay of IgG to SARS-CoV-2 in people with mild COVID-19
- The “topology” of the immune response to COVID-19
- IUIS Webinar: Utilising Ramos B cell engineering to measure SARS-CoV-2 Ab responses
- Critically ill COVID-19 patients show evidence for extrafollicular B cell activation
- Immuno-Ethiopia: Xenodiagnosis of Leishmaniasis
- ChAdOx1 nCoV-19 vaccine is safe and immunogenic
- Targeting COVID-19 immunopathology using rapamycin
- Development of a potent SARS-CoV-2 nAb using llamas
- mRNA Vaccine against SARS-CoV-2 induces robust Ab responses
- IUIS Webinar: Seeking correlates of COVID-19 protection and pathology

- [Immuno-Ethiopia: Anti-leishmania Immunity](#)
- [COVID-19 & GIT symptoms](#)
- [IUIS Webinar: COVID-19 Monoclonal Abs](#)
- [Aging & COVID-19](#)
- [Immuno-Ethiopia: Sand flies & Leishmaniasis](#)
- [Innate T cells & severe COVID-19](#)
- [Multi-organ damage is a hallmark of severe COVID-19](#)
- [IUIS Webinar: COVID-19 in South Africa](#)
- [Are polymorphisms in the ACE2 locus important for COVID-19 severity?](#)
- [Immuno-Ethiopia: Genetics of Fungal Immunology](#)
- [Do mutations in the SARS-CoV-2 spike protein enhances viral infectivity?](#)
- [Will the COVID-19 pandemic result in significant neuropsychiatric sequelae?](#)
- [IUIS Webinar: Involvement of C5a-C5aR1 axis in COVID-19 pathology](#)
- [How effective is Dexamethasone for the treatment of patients with COVID-19?](#)
- [SARS-CoV-2-specific IgG and IgM in asymptomatic individuals wane quickly](#)
- [Does breast milk contain SARS-CoV-2?](#)
- [Are blood groups associated with severe COVID-19 respiratory failure?](#)
- [Development of an inactivated vaccine candidate for SARS-CoV-2](#)
- [IUIS Webinar: Understanding Infection and Immunity of SARS-CoV-2](#)
- [IUIS Webinar: Respiratory Immunity and COVID-19](#)
- [Identification of two B cell epitopes that induce neutralising Ab in COVID-19 patients](#)
- [COVID-19 vaccines: can alum based adjuvants improve induction of nAbs?](#)
- [What evidence is there for pre-existing antibody responses to SARS-CoV-2?](#)
- [Is COVID-19 an endothelial disease?](#)
- [A recombinant adenovirus type-5 vectored COVID-19](#)

vaccine appears safe and immunogenic in a first-in-human trial.

- SARS-CoV-2 monkey model shows protection from re-infection.
- An exuberant inflammatory host response to SARS-CoV-2 leads to COVID-19.
- IUIS Webinar: Role of cellular responses in COVID-19
- SARS-CoV-2 infection in young children and Kawasaki-like disease.
- No evidence that BCG vaccination can protect against SARS-CoV-2 infection.
- Do we have more T cell immunity to SARS-CoV-2 than we think?
- Is the rapid generation of neutralizing antibodies to SARS-CoV-2 good news for preventing reinfection?
- The current status of COVID-19 immunology
- IUIS Webinar: Trained immunity and BCG vaccination: a tool against COVID-19?
- A nail in the coffin of (hydro)chloroquine treatment against COVID-19?
- SARS-CoV-2 found in semen.
- Can anti-HIV drugs, Lopinavir and Ritonavir, be used to treat patients with severe COVID-19?
- Can the Cytokine Release Syndrome in COVID-19 patients be treated using CCR5 blocking antibody therapy?
- IUIS Webinar: Adaptive Immunity in COVID-19
- Can a Chimpanzee vector vaccine prevent SARS-CoV-2 pneumonia?
- Getting to the guts of SARS-CoV-2 infection
- Cigarette smoke triggers increased ACE-2 expression in the lung
- Respiratory disease and viral shedding in rhesus macaques inoculated with SARS-CoV-2
- IUIS Webinar: What cancer immunologists are doing about COVID-19 ?
- BCG induced trained immunity & COVID-19
- Is there a SARS-CoV-2 receptor (ACE2) expression

difference between males and females?

- Roles of different anti-SARS-CoV-2 antibodies in COVID-19 disease and protection
- Exaggerated immune response to Covid-19
- Can neonates born to mothers with COVID-19 acquire maternal infection ?
- Mutation in the Spike protein may explain higher infectivity of SARS-CoV-2 and accelerated disease.
- IUIS Webinar: Global outbreaks – Interferons as 1st responders
- An inventory of the vaccine candidates to SARS-CoV-2
- COVID-19: extending or relaxing distancing control measures
- Is a self-amplifying RNA SARS-CoV-2 lipid nanoparticle a good vaccine candidate?
- SARS-CoV-2 transmission exploits existing secretory pathways in the nasal cavity: a vaccine/drug target?
- The role of complement in COVID-19 pathogenesis.
- Scientific Response to COVID-19 Video
- Can two FDA-approved drugs be re-purposed to clear SARS-CoV-2 infection?
- Should we consider SARS-CoV-2 human challenge models for vaccine testing ?
- Mask wearing to reduce the spread of COVID-19
- Development of inactivated SARS-CoV-2 vaccines
- Cytokine Release Syndrome & COVID-19
- COVID-19 Antibody Immunology Video
- Uncertainty is hampering doctors' ability to treat COVID-19
- Detection of SARS-CoV-2 nAbs in cats
- Susceptibility of domestic animals to SARS-Cov-2
- Indian population could have intrinsic immunity to resist COVID-19 challenge
- Viral dynamics in mild vs severe COVID-19
- SARS-CoV-2 transmission and mask wearing.
- Convalescent sera option for containing COVID-19
- Potential SARS-CoV-2 & COVID-19 Vaccines

- [COVID-19 Vaccinology Videos](#)
- [Chloroquine treatment and COVID-19](#)
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- [The different clinical characteristics of COVID-19 between children and adults.](#)
- [Safety considerations in laboratory practice when testing specimens from patients suspected or infected with SARS-CoV-2](#)
- [A serological assay to detect SARS-CoV-2 seroconversion in humans](#)
- [Where did SARS-CoV-2 come from?](#)
- [Faecal shedding of SARS-CoV-2](#)
- [COVID-19 spurs interest in preprints and improves scientific collaboration](#)
- [BCG & COVID-19](#)
- [Potent neutralizing antibodies isolated from COVID-19 patients](#)
- [The potential benefit of high-dose intravenous Ig in severe COVID-19](#)
- [SOLIDARITY TRIAL: Testing existing drugs to treat COVID-19](#)
- [Why is COVID-19 so mild in children?](#)
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- [Could blood groups influence COVID-19 disease severity?](#)
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- [Does COVID-19 have a seasonal pattern?](#)
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- [Kinetics of Immune Response in a Mild COVID-19 Patient](#)
- [Immuno-Ethiopia: Fungal epidemiology and immunology](#)

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- [Immuno-Ethiopia: Malaria Highlight 1](#)
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- [Type I interferon co-stimulation of MAIT cell function](#)
- [The \(Un\)usual Suspect-Novel Coronavirus Identified](#)
- [Murine model of coeliac disease](#)
- [miRNA carried by NETs modulate macrophage function](#)
- [Does mumps immunity induced by 2 doses of MMR wane in adulthood?](#)
- [Fever: A positive regulator of Th17 mediated inflammation](#)
- [T cells altered by CRISPR may be safe to use in cancer patients](#)
- [DENV-infection induces two major CD8 T cell memory subsets](#)
- [Repurposing of a drug for alcoholism to treat cancer](#)
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- [Macrophages and Cervical Cancer: What's going on with the microenvironment ?](#)
- [How DNA outside cells can be targeted to prevent the spread of cancer](#)
- [Solving the puzzle of IgG4-related disease, the elusive autoimmune](#)
- [How the rice blast fungus "eats" its own cell wall to launch an attack](#)
- [Can intravenous-BCG prevent M.tb infection ?](#)
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- [IDA Highlight: Immune responses to TB vaccines](#)
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- [Career Advice from IDA faculty that were once previous IDA Scholars](#)
- [Lipid profiles key step to preventing breast cancer metastasis through epithelial-mesenchymal transition](#)
- [The Vaccinology course, if you are in the vaccine-world, you shouldn't miss it!](#)
- [Investigating the immunological composition of the Kidney](#)
- [CD27 expression identifies Th17 cells with high stemness properties](#)
- [New fungus-derived antibiotic: relief in sight for immunocompromised people](#)
- [HIV RV144 vaccine induces better responses in SA compared to Thailand](#)
- [Rethinking HIV remission strategies: end of the road for anti- \$\alpha 4\beta 7\$?](#)
- [GLA-SE promotes superior Tfh expansion than Alum](#)
- [Class-switch recombination of antibodies occurs prior to germinal center formation.](#)
- [Can anti- \$\alpha 4\beta 7\$ really "cure" SIV infection in ART](#)

interrupted NHPs ?

- New insights into the role of HPV oncoproteins and immune response in cervical cancer
- Did you know neutrophils can help to form gallstones?
- Can vaccinating cats against their own proteins reduce cat allergies in humans?
- Use of future liposomal cancer oncology treatment
- What other disease affect individuals with olive pollen allergies?
- The Immune Function of Osteoclasts
- TAK-003 induces functional DENV cross-reactive cellular immunity
- Wild is better: in-bred mice born to wild mice resemble human responses
- Do NK cells play an important role in anti-Trypanosomiasis immunity?
- Are MAIT cells detectable in lymph?
- Does S. mansoni treatment affect HIV susceptibility?
- Investigating the HIV viral reservoir during acute infection
- How does BCG affect early innate immune responses?
- Sex associated differences to flu vaccination: role of estradiol?
- Propagation of α -synuclein from the gut to brain – new causation for Parkinson's disease?
- Have you heard of Mycetoma ?
- How does plasmodial hemozoin contribute to cerebral malaria pathogenesis?
- Are neutrophils in the tumor microenvironment friend or foe?
- Animal models to measure mucosal innate immunity: zebrafish vs mice.
- Development of natural murine model of Cryptosporidiosis
- Does whole cell pertussis vaccination skew infection induced Ab profiles?
- Is Yellow fever vaccination safe for HIV+ individuals?

- [The emerging role of IL-26 in fighting against intracellular microbes](#)
- [T cell activation as a potential surrogate marker for TB treatment efficacy.](#)
- [Does HIV-env vaccination strategy affect the recognition pattern of IgG responses?](#)
- [Does dysbiosis of the GIT microbiome enhance the neutrophils survival and chronic inflammation in HIV+ individuals?](#)
- [Dual BCR and TCR co-expressing lymphocyte could play a role in T1D pathogenesis.](#)
- [M.tb resistors: M.tb uninfected or atypical IFN- \$\gamma\$ -independent M.tb immune responses ?](#)
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- [Evolution of flu-vaccine induced B cell responses](#)
- [Antiviral pathways induced in the RV144 vaccine trial](#)
- [How are CD8 responses against the malaria liver stage antigens primed ?](#)
- [Contributions to the understanding of the cellular immune response elicited by Brucella canis](#)
- [IL-7R \$\alpha\$ lo KLRG1hi cells are not always short lived effector cells](#)
- [Dual bNAb therapy can maintain HIV viral suppression](#)
- [A first-in-human antibody–drug conjugate: Hope for patients with advanced solid tumours?](#)
- [Targeting the metabolic profile of latently infected macrophages as a potential treatment for HIV](#)

- [PD-1/PDL1 pathway in the maintenance of maternal-foetal immunotolerance](#)
- [How does the complement cascade result in pore formation in Lampreys](#)
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- [Does mucosal BCG vaccination induce “protective” immunity ?](#)
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- [What can ZIKV-CD8 T cells do ?](#)
- [Can some Tfh cells produce IFN- \$\gamma\$?](#)
- [Have you heard of the ESAT-6 free IGRA ?](#)
- [Are distinct monocyte subsets associated with severe Chagas diseases?](#)
- [Does HIV superinfection induce an additive or synergistic Ab effect?](#)
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- [Intestinal helminth co-infection promotes control against lung migrating parasites](#)
- [Characterisation of porcine conventional DC subsets](#)
- [Where do uterine NK cells during pregnancy come from?](#)
- [Understanding follicular CD8 T cells during SIV infection](#)
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- [Lower efficacy of tumour immunotherapy in obesity is due to elevated Leptin](#)
- [2018: The year of hope for TB vaccines](#)
- [Is CD153 essential for M.tb control ?](#)
- [Omentin-1 rescues inflammation-induced osteoporosis](#)

- New hope from chronic HBV patients: non-replicative Ad-HBV vaccine
- Have you heard of analytic treatment interruption of HIV ART?
- A novel function of the antihelminthic drug Praziquantel: new strategy for combatting schistosomiasis
- What is the incubation period of TB?
- E-cigarettes may not be a healthier alternative to traditional cigarettes.
- $\alpha\beta 7$ -MAdCAM interaction promotes HIV replication.
- Comparing H56 responses in NHP and humans using mathematical modelling.
- Fatal SFTSV is associated with defective B cell responses
- Potential treatment for metastatic colorectal cancers: T cell engaging bispecific antibodies
- How do $\gamma\delta$ T cells control humoral immunity ?
- Can antibiotic treatment improve Rotavirus immunogenicity?
- Clade C RV144-like vaccine is immunogenic.
- Can B cell responses predict resolution of Lyme Disease?
- Can profiling CD8 T cell responses from Ebola Survivors improve vaccine design?
- Can platelets directly kill Plasmodium sp. ?
- Can viral Immunogenicity govern DENV epidemiological fitness ?
- How do tuft cells induce Type 2 Responses?
- CD32: marker of HIV reservoir?
- New Hope for TB Vaccines
- HIV vaccine induces similar responses in humans and rhesus macaques.
- Ontogeny of MAITs
- Public Antibody Clonotypes observed in HIV+ individuals.
- Another use for BCG, potential Diabetes cure?

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- [Initial Immune Responses to TB in the Human Lung](#)
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- [Natural infection improves breadth of vaccine induced memory](#)
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- [ALAI/SMI congress: Hosts a Nobel Laureate and the 1st Iberoamerican Flow Cytometry Meeting](#)
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- [First Animal Model of Rasmussen's encephalitis](#)
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- [Do monocytes contribute to hemolytic uremic syndrome?](#)
- [How do mesenchymal stem cells alleviate severe asthma symptoms?](#)
- [Improved tetramer staining protocol detects functional T cells with low affinity TCRs](#)
- [Harmless \$\gamma\delta\$ T cells associated with *Corynebacterium* sp. can be harmful during immune dysregulation](#)
- [Cancer Immunotherapy is associated with changes in innate immunity](#)
- [Paratuberculosis in Cattle: Differences in WC1+ \$\gamma\delta\$ T cells responses to stimulation with PPD-J](#)
- [Serum IgA induced by commensal microbes protects against sepsis](#)
- [Improved T cell detection by Peptide-MHC dodecamers compared to tetramers](#)
- [Not all RV144 vaccine induced IgA responses are bad.](#)
- [Profiling MAITs during Multiple Myeloma](#)
- [How does anti-TNF treatment affect TB granuloma formation?](#)
- [Immunoregulatory effects of Vitamin B5 during M.tb infection](#)
- [Oral vs intradermal BCG, what's the difference?](#)
- [Which cells contribute to immunity against vaginal Zika infection ?](#)
- [Can CXCL4 contribute to autoimmune pathology?](#)
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- [5GFTB Highlights: Why is a new vaccine against TB important?](#)
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- [Article Highlight: Differentially Expressed Host](#)

[linc RNA and mRNA in HIV-1 and HIV-2 Infection \(Santanu et al., 2018\)](#)

- [5GFTB Highlights: Can we immunologically distinguish LTBI, EPTB and PTB](#)
- [5GFTB Highlights: Can we induce BCG-mediated long term innate immunity](#)
- [5GFTB Highlights: Recombinant BCG-Esx1 can induce CD8 T cell responses](#)
- [CD45.1 vs CD45.2 B6 mice more than an isoform difference.](#)
- [Potential therapeutic use of H. pylori for asthma](#)
- [Local signals matters: implication for CD8 T cell function against Leishmania](#)
- [Influenza-specific lung resident CD8+ T cells maintain diverse TCR profiles](#)
- [Influenza-specific lung TRM maintain diverse TCR profiles](#)
- [ILCs homeostasis in Psoriatic Arthritis](#)
- [MAITs respond differently to ZIKV and DENV](#)
- [H5VLP-GLASE unlike H5VLP-alum induces both Ab and T cell responses](#)
- [Non-cytotoxic function of HIV-specific rectal CD8+T cells](#)
- [Measuring T cell proliferation using the “Warburg” effect.](#)
- [Re-developed live attenuated Cholera vaccine, is it safe?](#)
- [Is kick-and-kill HIV cure strategy achievable?](#)
- [T-bet expression negatively affects T cell lung homing during TB](#)
- [T follicular helper cells are essential for generating nAb during chronic-infection.](#)
- [HIV Env immunogens elicit broad antibody responses in animal models](#)
- [Immunological T and B cell Diversity of the Human Penis](#)
- [How does hyperglycemia lead to aggressive cancer?](#)

- We need new HAB/HBV vaccine strategies for HCV/HIV infected individuals.
- Dengue specific-CD8 T cell responses but not Abs provide protection against Zika
- Patho-physiological implication of NET in COPD patients
- Phase 1 Zika vaccine trial shows promise
- SAHGP Pilot: Southern Africans are more diverse than expected
- News 2017
 - 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
 - Expression of CD40L by CD8 T cells promotes autologous activation and differentiation
 - Vaccine induced T cell immunity, antigen localisation in bacterial vector matters
 - Functional antibody immunity 40 years post Ebolavirus exposure
 - Immunomodulatory effect of lactic acid on the female reproductive tract
 - Elevated Th17 cells in “healthy” overweight children
 - Transphagocytic CD4+ T cells are true APC capable of inducing functional CD8 memory cells
 - Potential serological test capable of distinguishing Zika from Dengue infections
 - RTS,S/AS01E induces robust central memory responses to HBsAg but not to CSP
 - CD161+CD4+ T cells depleted at the Cervix during HIV Infection
 - Regulatory T cells help prevent CMV reactivation
 - Asymptomatic Zika virus infection protects from re-infection
 - PD-1-based immunotherapy affected by gut microbiome

- [Link between schistosomiasis and HIV susceptibility](#)
- [IL-10+ Th1 T cells associated with reduced malaria parasitemia](#)
- [Is HIV becoming more resistant over time?](#)
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model

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