



ALACI
LATIN AMERICAN AND CARIBBEAN
ASSOCIATION OF IMMUNOLOGY



14th Latin American and Caribbean Congress of Immunology

Buenos Aires, November 4-8, 2024

Invited speakers who confirmed attendance

Adriana Gruppi, Argentina. Protagonists involved in antibody-secreting cells generation and role: breaking the paradigm?

Alberto Mantovani, Italy. Innate Immunity, Inflammation from cancer to COVID-19.

Alessandra Filardy, Brazil. Regulation of lung immune cell populations following acute exposure to cigarette smoke and pneumococcal infection by MerTk.

Alexis Kalergis, Chile. Vaccine immunity counteracts respiratory virus-mediated suppression of immunological and neurological synapses.

Álvaro Lladser, Chile. Deciphering the T cell networks underlying effective immunity against solid tumors.

Ana María Caetano Faria, Brazil. Neuroimmune circuits involved in food allergy to peanuts.

Ana Maria Lennon Duménil, France. Dendritic cell migration: from fundamentals to application.

Ana Zenclussen, Germany. Unlocking the womb: deciphering feto-maternal immune dialogue for healthy pregnancy outcomes.

Andrea Carfi, USA. mRNA technology and Moderna development programs.

Andrés Alloatti, Argentina. Antigens of *Trypanosoma cruzi*: a long journey from dendritic cells to... dendritic cells!

Angel Vaillant, West Indies. Title to be confirmed.

Araceli Pérez, Mexico. Role of the receptor CCR3 in lung inflammation during influenza A infection.

Arnaud Didierlaurent, Switzerland. Learnings from studying vaccine response in immunocompromised patients.

Burkhard Becher, Switzerland. GM-CSF: from growth factor to proinflammatory cytokine and back again.

Carla Rothlin, USA. Decoding the response to cell death in non-resolving inflammation.

Charles A. Parkos, USA. Regulation of mucosal repair during injury and inflammation.

Clive Gray, South Africa. How HIV impacts on placental and neonatal immunity.

Christophe Benoist, USA. Title to be confirmed.

Cristina Alonso Vega, Bolivia. Congenital Chagas, more than just the simple passage of *T. cruzi* during pregnancy. Adaptations of the immune response in the mother and fetus.

Daniela Sauma, Chile. Title to be confirmed.



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David Russell, USA. The impact of macrophage diversity on tuberculosis progression.

Diane Mathis, USA. Title to be confirmed.

Edecio Cunha-Neto, Brazil. Title to be confirmed.

Eduardo Villablanca, Sweden. From Gut to Gums: Unraveling the link between intestinal inflammation and oral pathologies.

Elena Hsieh, USA. Pediatric systemic lupus erythematosus.

Eliane Piaggio, France. Combined immunotherapies for lowly mutated pediatric tumors, a translational approach.

Elías Barquero Calvo, Costa Rica. Exploring Innate Immunity: Key to Understanding Chronic Zoonotic Infections.

Enzo Poirier, France. Conservation of antiviral systems across domains of life reveals novel immune mechanisms in humans.

Erick Esteves de Oliveira, Brazil. Exploring the Impact of Immunological Scars on Mucosal Immune Surveillance.

Estefanía Nova Lamperti, Chile. Mitochondria transfer, a potential mechanism of CD4+ T cell exhaustion in oral cancer.

Fabiola Osorio, Chile. Regulation of intestinal Th17 homeostasis by the unfolded protein response IRE1 in myeloid cells.

Faith Osier, UK. Leveraging Human Challenge Studies for Malaria Vaccine Development

Federica Sallusto, Switzerland. Title to be confirmed.

Fernando Oneissi Martinez Estrada, UK. Title to be confirmed.

Florencia Rosetti Scitutto, Mexico. PDGFR α protects against autoimmune-mediated tissue injury.

Florent Ginhoux, France. Myeloid Cell Heterogeneity in Cancer.

Frederic Rieux Laucat, France. Mendelian predisposition to autoimmunity but Non mendelian clinical expression: lessons from Primary Immune Deficiencies.

Gabriel Nuñez, USA. Immune-Pathobiont Interactions in Crohn's disease.

Gabriel Rabinovich, Argentina. Title to be confirmed.

Gerardo Pavel Espino Solis, Mexico. Immune Monitoring of Pediatric Patients with Tick-Borne Diseases.

Glauben Landskron, Chile. The novel potential role of an RNA-editing protein in colonic exhausted and regulatory T cell development.

Hugo Ortega, Argentina. Optimizing SARS-CoV-2 Vaccine Strategy: A One-Health Perspective.

Ignacio Anegon, France. CD8 Treg therapy in organ allotransplantation and acute GVHD.



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Jacinta Bustamante, France. Human inborn errors of IFN-gamma immunity.

Jean Claude Sirard, France. Flagellin aerosol therapy as an immunomodulatory adjunct to the antibiotic treatment of drug-resistant bacterial pneumonia.

Jorge Kalil, Brazil. Intranasal Vaccine Against Covid-19.

José Cohen, France. Targeting Treg through TNFR2 in onco-immunology.

Juan Carlos Zúñiga-Pflücker, Canada. Teaching new tricks to an old thymus.

Juan Fuxman Bass; USA. Global landscape of human cytokine transcriptional regulation.

Juliana Cassataro, Argentina. Development and clinical evaluation of ARVAC: a variant adapted protein subunit vaccine against SARS-CoV-2.

Julie Helf, France. Tumor-associated macrophages and T cell immunity.

Julio Villena, Argentina. Modulation of the innate immune memory in the respiratory mucosa by the local microbiota.

Karina Bortoluci, Brazil. How Do Inflammasomes Shape the Astrocytes' Ability to Fight Infections.

Karina Pino-Lagos, Chile. Participation of FoxP3+ T regulatory cells in a murine skin transplantation model.

Kenneth Gollob, Brazil. Title to be confirmed.

Klaus Warnatz, Germany. Germinal center risk factors of severe COVID disease.

Lachlan Moldenhauer, Australia. Disrupted transcriptional profile and lineage instability in peripheral blood Treg cells of recurrent pregnancy loss patients.

Laura Mackay, Australia. Title to be confirmed.

Linqi Zhang, China. Antibody Responses to SARS-CoV-1 and SARS-CoV-2 Infections: Implications for Next-Generation Therapeutics and Vaccine Development.

Luisina Onofrio, Argentina. Effect of JAK Kinase inhibitors on T cell immune response in patients with rheumatoid arthritis.

Marco Antonio Cassatella, Italy. Title to be confirmed.

Maria Bellio, Brazil. Cytotoxic CD4 T cells in Chagas Disease: friends or foes?

María de los Ángeles Serradel, Argentina. Effect of a kefir-isolated *Lentilactobacillus kefiri* strain in different models of inflammation-associated disorders.

María Silvia Di Genaro, Argentina. Immunomodulation mechanisms in spondyloarthritis.

Marina Palermo, Argentina. Neutralizing antibodies in the intestinal mucosa are essential to control Shiga toxin-producing *Escherichia coli* (STEC) gastrointestinal infection.

Margaret A. Liu, Sweden. Gene-Based Vaccines and Therapies for One Health.



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María del Pilar Aoki, Argentina. Purinergic signaling subverts the immune response to *Trypanosoma cruzi* infection

María Luisa Alegre, USA. Tregs, T cell hypofunction and transplantation tolerance.

Mario Cruz Muñoz, Mexico. Role and modes of action of SLAM family receptors in the anti-leukemia immune response.

Miriam Merad, USA. Targeting myeloid cells in cancer.

Musa Khaitov, Russian Federation. Recombinant vaccine against birch pollen allergy.

Nadia Bannoud, Argentina. Title to be confirmed.

Nora Fierro González, Mexico. Bilirubin, an unexpected ally in the immune response against hepatitis E virus.

Olivier Boyer, France. IFN γ causes mitochondrial dysfunction and oxidative stress in myositis.

Olivier Neyllores, France. Neuro-immune interactions in the tuberculosis granuloma.

Otoniel Rodríguez Jorge, Mexico. Towards functional reprogramming of neonatal T cells: A systems immunology approach.

Patricia Luz Crawford, Chile. Mitochondria transfer from mesenchymal stromal cells to memory T-CD4 cells as a potential therapy for inflammatory diseases.

Paula Licona Limón, Mexico. TIF1g regulates stability of Tregs during inflammation.

Pere Soler-Palacín, Spain. Title to be confirmed.

Rafael Argüello, France. Title to be confirmed.

Ricardo Gazzinelli, Brazil. Title to be confirmed.

Rino Rappuoli, Italy. Title to be confirmed.

Rita Carsetti, Italy. Title to be confirmed.

Rodrigo Naves, Chile. The Yin and Yang of Interferon-gamma in Experimental and Human Multiple Sclerosis.

Rodrigo Pacheco, Chile. Developing an immunotherapy for Parkinson's disease: Regulatory T-cells expressing a chimeric antigen receptor specific to nitrated alpha-synuclein.

Romina Gamberale, Argentina. Title to be confirmed.

Rosanna Ramhorst, Argentina. Title to be confirmed.

Rosendo Lauria-Pérez, Mexico. Live-Attenuated *Salmonella enterica* is a successful Delivery System of Peptides and Genes for Cancer Therapy

Rudolf Valenta, Austria. A comprehensive approach for molecular diagnosis and vaccination against allergy.

Sebastián Amigorena, France. New targets for cancer immunotherapy.

Sergio Costa Oliveira, Brazil. Title to be confirmed.



Sociedad
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AINCA

Sergio Rosenzweig, USA. IKAROS-associated diseases.

Silvia Sanchez Ramón, Spain. Title to be confirmed.

Sourav Ghosh, USA. Microglial receptor function and immunoresilience in Alzheimer's disease.

Sunil Arora, India. Immune-modulation and HIV evolution in HIV-TB co-infection.

Tim Sparwasser, Germany. Title to be confirmed.

Winfried Pickl, Austria. On the modulation of allergen-specific T cell responses: the importance of interleukin-2.

Yvonne Rosenstein Azoulay, Mexico. Title to be confirmed.