

SCIENTIFIC PROGRAM ASOCHIN 2020

Wednesday, November 18th

9:45-10:00. **Opening by ASOCHIN President Fabiola Osorio**

10:00-11:00. **Opening Lecture. Chair: Fabiola Osorio**

Yasmine Belkaid, PhD. National Institute of Allergy and Infectious Disease, Maryland, USA. "Microbiota control of tissue immunity and repair"

11:15-12:45. **Symposium 1. "Tissue-resident T cells in infection, autoimmunity and cancer". Chairs: Daniela Sauma, Eduardo Villablanca**

Christian Krebs, MD. University Medical Center Hamburg-Eppendorf, Germany. "Th17 Cells in Renal Autoimmune Disease"

Henrique Borges da Silva, PhD. Mayo Clinic, Scottsdale, USA. "Control of Tissue-resident memory CD8+ T cell establishment by extracellular ATP sensing"

Alvaro Lladser, PhD. Fundación Ciencia & Vida, Chile. "Unveiling the role of tissue-resident memory T cells in human solid cancers"

15:00-17:00. **Symposium 2. "New ASOCHIN members". Chairs: Caroll Beltrán, Marjorie De la Fuente**

- **Francisco Rivera, PhD.** Universidad Austral de Chile, Chile. "How does Neuroinflammation shape Pericyte Function During CNS Remyelination?"
- **Erick Riquelme, PhD.** Universidad Mayor, Chile. "Tumor Microbiome Defines Outcomes on Pancreatic Cancer"
- **Jheimmy Díaz Muñoz, PhD.** Pontificia Universidad Católica de Chile, Chile. "Nuclear morphology regulates B cell activation"
- **Andrés Herrada, PhD.** Universidad Autónoma de Chile, Chile. "Lymphatic vasculature during homeostasis and disease"
- **Nicolás Dutzan, PhD.** Universidad de Chile, Chile. "Th17 regulation at the oral mucosa"
- **Paola Murgas, PhD.** Universidad Mayor, Chile. "The STING protein: a new role in metabolism during aging"

17.00-18.30. **Q&A posters**

Thursday, November 19th

10:00-11:00. **Plenary Lecture. Chair: Marcela A. Hermoso**

Gabriel Nuñez, MD, PhD. University of Michigan, USA. “Host-Microbiota Interactions in Health and Disease”

11:15-12:45. **Symposium 3. “Role of microbiota on immune responses”. Chairs: Karina Pino, Erick Riquelme**

- **María-Luisa Alegre, PhD.** University of Chicago, Chicago, USA. “The influence of the microbiota on the rejection of solid organ transplants”.
- **Javier Ochoa-Reparaz, PhD.** Eastern Washington University, Cheney, USA. “Modulation of the gut microbiota for the control of CNS inflammatory demyelination”
- **Florencia McAllister, MD.** MD Anderson Center, Texas, USA. “Role of the gut-tumor microbial axis in pancreatic tumors and beyond”

15:00-17:00. **Short Talks. Selected abstracts. Chairs: Estefanía Nova, María Inés Becker**

- **Diego Pérez-Stuardo,** Universidad Mayor, Chile. “Lysosomal reactivation in Atlantic salmon macrophages infected by *Piscirickettsia salmonis*”.
- **Camila Flores-Kossack,** Universidad de Santiago de Chile, Chile. “TCR-CD3 complex in rainbow trout: first hints of a singular interaction mechanism”.
- **Hernán F Peñaloza,** University of Pittsburgh, USA. “IL-36 γ amplifica la respuesta inflamatoria mediada por neutrófilos durante una infección causada por *Pseudomonas aeruginosa*, la cual es modulada por trombospondina-1”.
- **Mariela Navarrete,** Universidad de Chile, Chile. “Hypoxic melanoma cells deliver microRNAs to cytotoxic T lymphocytes through connexin-43-constituted channels”.

- **Mónica Kurte**, Universidad de Los Andes, Chile. “Transcriptomic analysis of licensed Mesenchymal Stem Cells reveals a molecular signature associated with an increase of IDO1 and SOCS3 expression”.
- **Paulina García González**, Universidad de Chile, Chile. “The UPR sensor IRE1 modulates the function of human type-1 dendritic cells”.
- **Luis Venegas**, Pontificia Universidad Católica de Chile, Chile. “IgE-mediated reactivity to autoallergens is associated with severity and a Th2 cytokine signature in Atopic Dermatitis”.
- **Carolina Prado**, Fundación Ciencia & Vida, Chile. “Dynamics and functional changes of colonic intraepithelial lymphocytes upon CNS autoimmunity”.
- **Pablo Palacios**, Universidad de Chile, Chile. “Modulation of the humoral immune response through simultaneous stimulation of B lymphocytes and NKT cells”.
- **Carlos A. Trujillo**, Universidad Austral de Chile, Chile. “Light pollution with dim light at night (dLAN) and long-term effects over the spleen, macrophages and B-Cells”.

17:00-18:30. **Q&A posters**

Friday 20th November:

10:00-11:00. **Plenary Lecture. Chair: Alvaro Lladser**

Miriam Merad, MD, PhD. Icahn School of Medicine at Mount Sinai, New York, USA.
“Myeloid determinants of antitumor immunity”

11:15-12:45. **Symposium 4. “Comparative Immunology”.** **Chairs: Luis Mercado, Leonardo Sáenz**

- **Pedro Hernández, PhD.** Institut Pasteur, France. “Innate lymphoid cells and cytokines: from mouse to zebrafish and from immunity to development”
- **Carmen Feijoo, PhD.** Universidad Andrés Bello, Chile. “A small interaction for the gut, a great leap for Immunity, lessons from fish”
- **Mónica Imarai, PhD.** Universidad de Santiago, Chile. “Understanding fish immune response”

15:00-17:00. **Symposium 5. “Regulation of T-cell responses”.** **Chair: María Isabel Yuseff**

- **Claire Hivroz, PhD.** Institut Curie, France. “The role of endocytic traffic of LAT in TCR signalling”.
- **Hilde Cheroutre, PhD.** La Jolla Institute for Immunology, California, USA. “Dietary antigens build “de-fense” at the mucosal border of the intestine”.

17:00. **Closing Ceremony, Awards**