

FINAL PROGRAM

5th Annual Meeting ASOCHIN - 2022

NOVEMBER 20

8:30 – 10:00 h: REGISTRATION

10:00 – 10:30 h: OPENING CEREMONY Dr. Daniela Sauma

10:30 – 11:30 h: PLENARY LECTURE: Single cell dynamics: from cell biology to immune therapies.
Dr. Pablo Vargas.
Chair: Dr. Daniela Sauma.

11:30 – 13:00 h: SYMPOSIUM 1: NEUROIMMUNOLOGY

Chairs: Dr. Diego Catalán/Dr. Caroll Beltrán.

11:30 – 12:00 h: Impaired GPR43 signaling on colonic intraepithelial lymphocytes promotes a pro-inflammatory environment in gut mucosa during CNS autoimmunity. Dr. Carolina Prado.

12:00 – 12:30 h: The collaboration of dopaminergic and chemokinergetic signaling in T-cells controls the gut homing upon inflammation. Dr. Rodrigo Pacheco.

12:30 – 13:00 h: Beyond Haemostasis - Role of Circulating Platelets During Myelin Repair in Multiple Sclerosis. Dr. Francisco J. Rivera.

13:00 – 14:00 h: LUNCH

14:00 – 15:30 h: SYMPOSIUM 2: TUMOR IMMUNOLOGY

Chairs: Dr. Fermín González/ Dr. Glauben Landkrom.

14:00 – 14:30 h: Crosspriming models for the activation of antitumor immune response.
Dr. Claudio Acuña.

14:30 – 15:00 h: Unveiling the cross-talk between transferred and endogenous CD8+ T cells underlying effective antitumor immunity in models of adoptive cell therapy. Dr. Alvaro Lladser.

15:00 – 15:30 h: From T cells with regulatory properties to CD49b as potential target for cancer therapy. Dr. Karina Pino-Lagos.

15:30 – 16:00 h: COFFEE BREAK

16:00 – 17:30 h: SYMPOSIUM 3: MUCOSAL IMMUNOLOGY

Chairs: Dr. Marcela Hernández/Dr. Eduardo Villablanca.

16:00 – 16:30 h: Intestinal immune response, one decision, and two roads: oral tolerance or inflammation. Dr. Carmen Gloria Feijoo.

16:30 – 17:00 h: The immune response as a therapeutic target to control tooth loss.
Dr. Rolando Vernal.

17:00 – 17:30 h: The cross-talk between periodontitis and gestational diabetes mellitus.
Dr. Alejandra Chaparro.

17:30 – 18:30 h: POSTER PRESENTATIONS

18:30 – 19:30 h: PLENARY LECTURE: Positioning mucosal immune cells and their function in anatomical context. Dr. Eduardo Villablanca.

Chair: Dr. María Rosa Bono.

19:30 – 21:30 h: DINNER

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8:30 – 9:00 h: SYMPOSIUM 4: NEW ASOCHIN MEMBERS PRESENTATIONS

Chairs: Dr. Álvaro Lladser/Dr. Claudio Pérez.

8:30 – 8:45 h: Innate immunity patterns for precision medicine: MicrobeSkin and Skin diseases.
Dr. Carolina Cabalín.

8:45 – 9:00 h: Biomarkers in uveitis.
Dr. Cristhian Urzúa.

9:00 – 9:30 h: SHORT TALKS PRESENTATIONS

Chairs: Dr. Francisco J. Rivera/ Dr. Carmen Gloria Feijoo.

9:00 – 9:15 h: Absence of RAMP3 dysregulates MAIT cell response.
Eleni Phung.

9:15 – 9:30 h: Natural Killer T cells promote antibody class-switch recombination towards IgG subtypes in innate B cells that respond against T-Independent antigens.
Pablo Palacios.

9:30 – 9:45 h: Metabolism governs the immunomodulatory effect of umbilical-cord derived mesenchymal stem/stromal cells on T-Cells from rheumatoid arthritis patients.
Noymar Luque-Campos.

9:45 – 10:30 h: PLENARY LECTURE: LNP-mRNA platforms: From mRNA-based vaccines to *in vivo* targeting of hematopoietic stem cells. Dr. Rodrigo Mora.

Chair: Dr. Mario Roseblatt.

10:30 – 11:00 h: COFFEE BREAK

11:00 – 11:15 h: GENEX PRESENTATION

11:15 – 12:00 h: PLENARY LECTURE: Biomedicine, immunology and vaccines as tools for a new development strategy. Dr. Flavio Salazar.

Chair: Dr. Jennifer Alfaro.

12:00 – 13:00 h: SYMPOSIUM 5: APPLIED IMMUNOLOGY AND VACCINES

Chair: Dr. Flavio Salazar.

12:00 – 12:30 h: Mining humoral immunity as approach to manage Andes hantavirus infection.
Dr. María Inés Barría.

12:30 – 13:00 h: Alpaca-derived nanobody against viral infections.
Dr. Naphak Modhiran.

13:00 – 14:00 h: LUNCH

14:00 – 15:30 h: SYMPOSIUM 6: INFLAMMAGING AND AUTOIMMUNITY

Chairs: Dr. Karen Dubois/Dr. Sarah Núñez.

14:00 – 14:30 h: Resolvins in inflammation and cardiac fibrosis.
Dr. Guillermo Díaz.

14:30 – 15:00 h: The link between microbiota and autoimmune inflammation in rheumatoid arthritis. Dr. Katina Schinnerling.

15:00 – 15:30 h: What we have learned from a mouse model of lupus?
Dr. María Rosa Bono.

15:30 – 16:00 h: COFFEE BREAK

16:00 – 17:30 h: SHORT TALKS PRESENTATIONS

Chairs: Dr. Rodrigo Pacheco/Dr. María Isabel Yuseff.

16:00 – 16:15 h: How does the cGAS/STING pathway affect the aging brain?
Daniel Fernández.

16:15 – 16:30 h: Ferritinophagy-mediated ferroptosis drives clinical progression of periodontitis.
Alfredo Torres Pérez.

16:30 – 16:45 h: Tubulin acetylation as a mechanosensory target for B cell activation.
Felipe del Valle Batalla.

16:45 – 17:00 h: Role of the intra-tumor microbiome in the non-small cell lung cancer immune microenvironment through a multi meta-omics analysis in Chilean patients.
Ivania Valdés.

17:00 – 17:15 h: Renal cell carcinoma tumors are infiltrated by CD4+ T cells with antitumor activity that recognize neoantigens. Farides Saavedra.

17:15 – 17:30 h: STAT3 activation in gingival tissues during health and periodontitis.
Marion Arce.

17:30 – 18:30 h: POSTER PRESENTATIONS

18:30 – 18:45 h: BD PRESENTATION

18:45 – 19:30 h: PLENARY LECTURE: Regulation of dendritic cell function by the Unfolded Protein Response.
Dr. Fabiola Osorio.

Chair: Dr. Daniela Sauma.

19:30 – 20:00 h: CLOSING CEREMONY