

LXXI REUNIÓN ANUAL DE LA SOCIEDAD ARGENTINA DE INMUNOLOGÍA Del 9 al 11 de noviembre de 2023

Universidad Nacional de San Luis. San Luis. Argentina



Sociedad
Argentina de
Inmunología



50 años
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Nacional
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PROGRAM

PRE-CONGRESS-COURSE

November 6-8th

9-13; 14-18:30h

“HANDS ON TRAINING” COURSE ON BIOINFORMATICS FOR SINGLE CELL TRANSCRIPTOMICS AND PROTEOMICS APPLIED TO IMMUNOLOGY”

SCIENTIFIC ORGANISERS: *Dr. Mariana Maccioni (FCQ-UNC. CIBICI-CONICET, Córdoba, Argentina), Dr Eliane Piaggio (Institut Curie, Paris, France), Dr. Josh Waterfall. Institut Curie.Paris, France).* **Coordinator:** *Dr. Javier Eliçabe (IMIBIO-SL, CONICE-UNSL).*

LXXI ANNUAL MEETING SAI

DAY 1 - November 9th-

10:00-12:00

SYMPOSIUM 1: MUCOSAL IMMUNOLOGY

Chairs: *Dr. Silvia Correa - Dr. Gabriela Perdigón*

Speakers:

- **Dra. Paola Smaldini** (*Instituto de Estudios Inmunológicos y Fisiopatológicos-(IIFP) CONICET-UNLP -asociado CIC PBA Departamento de Ciencias Biológicas, Facultad de Cs. Exactas, La Plata, Argentina*)- **“Immunotherapy as a path for tolerance induction in food allergy on the road to allergy immunotherapy”**.
- **Dr. Pablo Romagnoli** (*Instituto Universitario de Cs. Biomédicas de Córdoba (IUCBC), Centro de Investigación en Medicina Traslacional “Severo R. Amuchástegui” (CIMETSA); G.V al Instituto de Investigación Médica Mercedes y Martín Ferreyra (INIMEC-CONICET-UNC), Córdoba, Argentina*)-**“Studying the intestinal mucosa interactions to understand the inflammatory bowel diseases”**.
- **Dr. Virginia Pasquinelli** (*Centro de Investigaciones Básicas y Aplicadas (CIBA) – UNNOBA, Centro de Investigaciones y Transferencia del Noroeste de la Provincia de Buenos Aires (CITNOBA) – UNNOBAUNSA-CONICET*)- **“Clostridioides difficile infection in Argentina: from epidemiology to immune protection mechanisms”**.
- **Dr. Julio Villena** (*Laboratory of Immunobiotechnology, Reference Centre for Lactobacilli (CERELA-CONICET), Tucumán, Argentina*)- **“The interplay between**

microbiota and the immune system in the respiratory tract: its impact on the resistance to infections”.

12:00-13:00

CONFERENCE 1

Chairs: Dr. Andrés Alloati - Dr. Ignacio Cebrián

*****THE EMBO LECTURE- Dr. Sebastián Amigorena (Institut Curie, Paris, France) “Epigenetic control of anti-tumor immunity by CAR T cells” *****

Lunch (13:00 – 14:00)

14.00 – 15:30

POSTER SESSION 1- Hypersensitivity and allergies - Anti-infectious immunity - Mucosal Immunology.

Chairs: Dr Romina Fernández Brando, Dr. Ignacio Cebrián, Dr. Cinthia Stempin, Dr. Griselda Moreno, Dr. Javier Eliçabe, Dr. Julio Villena, Dr. Paola Smaldini.

Coffee break (15:30 – 16:00)

16:00-18:00

SYMPOSIUM 2: HOST-MICROBE INTERACTION

Chairs: Dr. Eva Acosta Rodríguez - Dr. Ana Rosa Pérez

Speakers:

- **Dr. Susan Bueno** (Millennium Institute on Immunology and Immunotherapy, Facultad de Ciencias Biológicas, Pontificia Universidad Católica de Chile, Santiago, Chile)- “Evaluation of the immune response triggered by an inactivated vaccine against SARS-CoV-2 in chilean adults”.
- **Dr. Guillermo Giambartolomei** (Instituto de Inmunología, Genética y Metabolismo (INIGEM), CONICET, Buenos Aires, Argentina)- “With a little help from my friends: Bystander activation of microglia by *Brucella abortus*-infected astrocytes induces neuronal death”.
- **Dr. Ignacio Cebrián** (IHEM-CONICET, UNCuyo, Mendoza, Argentina) - “Unraveling the endocytic connections for antigen presentation and *Toxoplasma gondii* proliferation”.
- **Dr. Cláudia Brodskyn** (Laboratório da Interação Parasita-Hospedeiro e Epidemiologia (LAIPHE), Instituto Gonçalo Moniz, Fundação Oswaldo Cruz, Salvador, Brazil; Faculdade de Medicina, Universidade Federal da Bahia, Salvador,

*Brazil, Instituto de Investigaç o em Imunologia, Instituto Nacional de Ci ncia e Tecnologia (INCT), S o Paulo, Brazil)- “Modulation of host metabolic pathways attenuates *Leishmania* spp infection in macrophages”.*

18:00-19:00

CONFERENCE 2 “LEONARDO SATZ LECTURE”

Chairs: *Dr. Juan Pablo Marcker-Oberti - Dr. Samanta Funes*

Speaker: Dr. Alexis Kalergis (*Millennium Institute on Immunology and Immunotherapy. P. Universidad Cat lica de Chile, Santiago, Chile*)- **“Impairment of immunological and neurological synapses as virulence mechanisms of respiratory viruses. Implications for vaccine design during the pandemic”.**

Opening ceremony (19:00-20:00)

Welcome Bites (20:00-21:00)

DAY 2 -November 10th-

8:00-9:30

POSTER SESSION 2 - Innate immunity - Immunometabolism

Chairs: Dr. Pablo Baldi, Dr. Gabriel Morón, Dr. Samanta Funes, Dr. Eduardo Chuluyán, Dr. Cristina Motrán, Dr. Silvia Di Genaro

Coffee break (9:30 – 10:00)

10:00-12:00

SYMPOSIUM 3: IMMUNOMETABOLISM

Chairs: Dr. Claudia Pérez Leriós - Dr. Pilar Aoki

Speakers:

- **Dr. Cinthia Stempin** (CIBICI-CONICET. Departamento de Bioquímica Clínica, Facultad de Ciencias Químicas, Universidad Nacional de Córdoba, Córdoba, Argentina)- **“Exploring immunometabolism during Trypanosoma cruzi infection”**
- **Dr. Daiana Vota** (Laboratorio de Inmunofarmacología, Fac. de Cs. Exactas y Naturales, Departamento de Química Biológica, UBA; CONICET, Instituto de Química Biológica, Facultad de Ciencias Exactas y Naturales (IQUIBICEN), Buenos Aires, Argentina)- **“Immunometabolic characterization of maternal monocytes and macrophages at pregnancy”**.
- **Dr. Denise Morais da Fonseca** (Laboratory of Mucosal Immunology, Department of Immunology, Institute of Biomedical Sciences, University of Sao Paulo, São Paulo, Brazil)- **“Impact of the cholinergic signaling in the adipose tissue type 2 immunity and the onset of metabolic diseases”**.
- **Dr. Fernando Erra Díaz** (Facultad de Medicina, Instituto de Investigaciones Biomédicas, Retrovirus y SIDA, Universidad de Buenos Aires, CONICET, Buenos Aires, Argentina)- **“Simultaneous inhibition of mTORC1 and PPAR gamma drives the differentiation of human monocytes into immunogenic dendritic cells”**.

12:00-13:00

CONFERENCE 3

Chairs: Dr. Cristina Motrán - Dr. Carolina Gorlino

Speaker: Dr. Luke A. J. O’Neill (School of Biochemistry and Immunology, Trinity Biomedical Sciences Institute, Trinity College Dublin, Irlanda)- **“Krebs Cycle in Immunity and Inflammation”**

Lunch (13:00 – 14:00)

14.00 – 15:30

POSTER SESSION 3- Autoimmunity - Primary immunodeficiencies - General Clinical Immunology - Reproductive Immunology - Vaccines

Chairs: Dr. Virginia Rivero, Dr. Laura Pérez, Dr. Rubén Motrich, Dr. Gabriel Morón, Dr. Pilar Aoki, Dr. José Arias, Dr. Juan Silva.

Coffee break (15:30 – 16:00)

16:00-18:00

Symposium 4: CLINICAL IMMUNOLOGY

Chairs: Dr. Gabriela Simesen - Dr. Laura Pérez

Speakers:

- **Dr. Gloria Rivero** (*Servicio de Inmunología, Hospital Central, Mendoza. Instituto de Inmunología, Facultad de Ciencias Médicas, UNCuyo, Mendoza, Argentina*)- **"Induced autoimmunity: ASIA syndrome and autoimmunity by checkpoint inhibitors"**.
- **Dr. Matías Oleastro** (*Department of Immunology, Hospital Garrahan, CABA, Argentina*)- **"Clinical implications of defects in the Jak/Stat signaling pathway"**
- **Dr. Carolina Gorlino** (*Facultad de Química, Bioquímica y Farmacia (FQByF), Universidad Nacional de San Luis; IMIBIO-SL (UNSL-CONICET); Division of Rheumatology and Clinical Immunology, Laboratory of Autoimmunity and Metabolism, Humanitas Clinical and Research Center (IRCCS), Rozzano, MI, Italy*)- **"Autoantibodies in rheumatic diseases: common, rare & more"**.
- **Dr. Miguel Galicchio** (*Servicio de Alergia e Inmunología, Hospital de Niños V.J Vilela, Rosario, Argentina*)- **"Diseases of immune dysregulation: Hemophagocytic Lymphohistiocytosis"**.

18:00-19:00

CONFERENCE 4

Chairs: Dr. Antonio Carrera Silva - Dr. Carolina Amezcua

Speaker: Dr. Nicola Gagliani (*Department of General, Visceral and Thoracic Surgery and Department of Medicine, University Medical Center Hamburg-Eppendorf, Hamburg, Germany. Hamburg Center for Translational Immunology (HCTI), Hamburg, Germany*)- **"Dissecting the role of diet-microbiota axis on physiological and pathological immune responses"**

19:00-21:00

Argentinean Society of Immunology Assembly (SAI) / Premio Trayectoria

DAY 3 -November 11th-

8:00-9:30

POSTER SESSION 4 - Adaptive immunity - Antitumor Immunity - Transplant Immunology – Immunotherapy - Neuroimmunology

Chairs: Dr. Laura Chiapello, Dr. Carolina Montes, Dr. Andrés Alloati, Dr. Roberto Davicino, Dr. Eva Acosta, Dr. Mercedes Borge, Dr. Pablo Iribarren.

Coffee break (9:30 – 10:00)

10:00 – 12:00

SAI AWARDS PRESENTATION

10-11:30

Chairs/Jury: Dr. Marcelo Hill, Dr. Eduardo Chuluyán, Dr. Hortensia Zelaya

Leonardo SATZ Award: Four selected abstracts for presentations.

11:30-12:00

Chairs/Jury: Dr. Adriana Gruppi, Dr. Ana Rosa Pérez, Dr. Martín Rumbo

Clinic Immunology Award: Two abstracts for presentation.

12:10-13:00

MINICOURSE

"Bioseguridad y Biocustodia después del COVID" *Dr. Susana Goldstein Fink*
(IMEX-CONICET-Academia Nacional de Medicina, Buenos Aires, Argentina)

Lunch (13:00 – 14:00)

14:00-15:30

Pre-selection Jury: Dr. Virginia Pasquinelli, Dr. Bettina Bonngiovani, Dr. Pablo Romagnoli, Belkys Maletto.

Chairs/Jury: Dr. Silvia Correa, Dr. Guillermo Gianbartolomei, Dr. Karina Pasquevich

ORAL PRESENTATION OF SELECTED POSTERS FOR POSTER AWARD

Coffee break (15:30 – 16:00)

16:00-18:00

SYMPOSIUM 5: TRANSLATIONAL IMMUNOLOGY

Chairs: Dr. Pablo Baldi - Dr. Cecilia Rodríguez Galán

Speakers:

- **Dr. Marcelo Hill** (*Laboratory of Immunoregulation and Inflammation, Institut Pasteur de Montevideo, Immunobiology Department, Faculty of Medicine, University of the*

Republic, Montevideo, Uruguay)- **“TMEM176B inhibition reprograms CD8⁺ T cell exhaustion via Th17 cooperation”**.

- **Dr. Karina Pasquevich** (Instituto de Investigaciones Biotecnológicas, Universidad Nacional de San Martín (UNSAM) – Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET), San Martín, Buenos Aires, Argentina. Escuela de Bio y Nanotecnologías (EByN), Universidad Nacional de San Martín, San Martín, Buenos Aires, Argentina)- **“Development of ARVAC CG, a subunit vaccine against SARS-CoV-2”**.
- **Dr. Eduardo Chuluyan** (CEFYBO-CONICET, Facultad de Medicina, Universidad de Buenos Aires, Buenos Aires, Argentina)- **“Immune characteristics in pancreatic cancer and their impact for clinical outcomes”**.
- **Dr. Nicolás Nuñez** (Institute of Experimental Immunology, University of Zurich, Zurich, Switzerland; Facultad de Ciencias Químicas, Departamento de Bioquímica Clínica, Universidad Nacional de Córdoba, Córdoba, Argentina)- **“Exploring high-dimensional immunological landscapes: insights from checkpoint inhibitors and SARS-CoV-2 vaccine combinations”**.

18:00-19:00

CONFERENCE 5:

Chairs: *Dr. Claudia Sotomayor - Dr. Silvia Di Genaro*

Speaker: **Dr. Gabriel Rabinovich** (Laboratorio de Glicomedicina, Instituto de Biología y Medicina Experimental (IBYME), Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET). Facultad de Ciencias Exactas y Naturales, Universidad de Buenos Aires, Buenos Aires, Argentina)- **“Adventures of an immunologist in the sugar land: from basic discoveries to technology transfer and back again”**.

Awards ceremony (19:00-20:00)

Farewell Bites (21:00-22:00)