



## II Symposium on Immune Regulation

From Basic Science to Novel Immunotherapeutic Strategies

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### SCIENTIFIC PROGRAM: DAY 1

OCTOBER 23<sup>rd</sup>

8:00-9:00 – Registration and coffee

9:00-9:30 – Welcome words. **Dr. Manuel Kukuljan**, Dean  
**Dr. Benjamín Suárez**, Head of the Biomedical Sciences Institute  
**Dr. Juan Carlos Aguillón**, Head of the Program of Immunology Facultad de Medicina, Universidad de Chile

### SESSION I

#### Chairs:

- **Dr. Diego Catalán**, Facultad de Medicina, Universidad de Chile
- **Dr. Fermín González**, Facultad de Odontología, Universidad de Chile

#### Speakers:

09:30-10:00 – **Dr. Dolores Jaraquemada**, Universitat Autònoma de Barcelona, Spain

*“Peptide presentation by MHC class II in tolerance and autoimmunity”*

10:10-10:30 – **Dr. Iñaki Álvarez**, Universitat Autònoma de Barcelona, Spain

*“Analysis of peptide repertoires associated to HLA-DR in autoimmunity”*

10:40-11:10 – **Dr. Roman Zubarev**, Karolinska Institute, Sweden

*“Proteomic investigation of the monocyte response to different stimuli”*

11:20-11:40 – Coffee Break

### SESSION II

#### Chairs:

- **Dr. Carolina H. Ribeiro**, Facultad de Medicina, Universidad de Chile
- **Dr. Giovanna Lombardi**, King’s College London, UK

#### Speakers:

11:40-12:00 – **Dr. Fabiola Osorio**, Facultad de Medicina, Universidad de Chile

*“Regulation of dendritic cell function by the unfolded protein response”*

12:10-12:40 – **Dr. Alexis Kalergis**, Pontificia Universidad Católica de Chile

*“Modulating the immunological synapse to enhance pathogen immunity and reduce autoimmunity”*

12:50-14:30 – Lunch

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### SESSION III

#### Chairs:

- **Dr. Mercedes López**, Facultad de Medicina, Universidad de Chile
- **Dr. Dolores Jaraquemada**, Universitat Autònoma de Barcelona, Spain

#### Speakers:

**14:30-14:50** – **Dr. Karina Pino-Lagos**, Facultad de Medicina, Universidad de Chile

*"Neuropilin-1 expression on CD4<sup>+</sup> T cells during allograft rejection"*

**15:00-15:30** – **Dr. Giovanna Lombardi**, King's College London, UK

*"Optimizing therapy with regulatory T cells to achieve transplantation tolerance"*

**15:40-16:10** – **Dr. Julia Palma**, Hospital Dr. Luis Calvo Mackenna, Chile

*"Incorporation of immunotherapy in frontline protocols: present and future"*

**16:20-16:40** – Coffee Break

### SESSION IV

#### Chairs:

- **Dr. Fermín González**, Facultad de Odontología, Universidad de Chile
- **Dr. Roman Zubarev**, Karolinska Institute, Sweden

#### Speakers:

**16:40-17:00** – **Dr. Pierre Youinou**, Université de Bretagne Occidentale, France

*"The latest news on B cell activating factor (BAFF)"*

**17:10-17:30** – **Dr. María Isabel Yuseff**, Pontificia Universidad Católica de Chile

*"Regulation of immune synapses through cell polarity: impact on B cell responses"*

**17:40-17:50** - **Closing Remarks, Day 1** – **Dr. Karina Pino-Lagos**, Facultad de Medicina, Universidad de Chile



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SCIENTIFIC PROGRAM: DAY 2

OCTOBER 24<sup>th</sup>

9:00-9:30 – Welcome coffee

### SESSION V

#### Chairs:

- **Dr. María Isabel Yuseff**, Pontificia Universidad Católica de Chile
- **Dr. Mario Roseblatt**, Fundación Ciencia & Vida, Chile

#### Speakers:

**09:30-09:50 – Dr. María Rosa Bono**, Facultad de Ciencias, Universidad de Chile

*“Traffic of antigen presenting cells in Lupus”*

**10:00 -10:20 – Dr. Pierre Youinou**, Université de Bretagne Occidentale, France

*“The B cell Toll-like receptors drive the autoimmune process”*

**10:30 -10:50 – Dr. Rodrigo Pacheco**, Fundación Ciencia & Vida, Chile

*“Dopaminergic regulation of T-cell mediated immunity involved in Parkinson’s disease and Multiple Sclerosis”*

**11:00-11:20 – Coffee Break**

### SESSION VI

#### Chairs:

- **Dr. Norberto W. Zwirner**, CONICET, Argentina
- **Dr. Karina Pino-Lagos**, Facultad de Medicina, Universidad de Chile

#### Speakers:

**11:20-11:50 – Dr. Mario Roseblatt**, Fundación Ciencia & Vida, Chile

*“Manipulating lymphocyte re-programming and function”*

**12:00-12:20 – Dr. Mercedes López**, Facultad de Medicina, Universidad de Chile

*“Phenotypic characteristics of dendritic cells that determine the re-programming capacity of memory anti-tumor T cells”*

**12:30-14:30 – Lunch**



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Esta es una iniciativa de los académicos del Programa Disciplinario de Inmunología, Facultad de Medicina, Universidad de Chile.



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### SESSION VII

#### Chairs:

- **Dr. María Rosa Bono**, Facultad de Ciencias, Universidad de Chile
- **Dr. Fabiola Osorio**, Facultad de Medicina, Universidad de Chile

#### Speakers:

**14:30-15:00** – **Dr. Norberto W. Zwirner**, CONICET, Argentina

*“Hormonal regulation in the immunosurveillance against breast cancer”*

**15:10 – 15:30** – **Dr. Carolina H. Ribeiro**, Facultad de Medicina, Universidad de Chile

*“Roles for NKG2D receptor and its ligands in gastric cancer immunoediting”*

**15:40 -16:00** – **Dr. Fermín González**, Facultad de Odontología, Universidad de Chile

*“Cancer cell lysates and danger signals: a potent immunogenic combination for cancer vaccine design”*

**16:10-16:30** – Coffee Break

### SESSION VIII

#### Chairs:

- **Dr. Pierre Youinou**, Université de Bretagne Occidentale, France
- **Dr. Juan Carlos Aguillón**, Facultad de Medicina, Universidad de Chile

#### Speakers:

**16:30-16:50** – **Dr. Alejandro Escobar**, Facultad de Odontología, Universidad de Chile

*“What’s new with Neisseria gonorrhoeae and macrophages?”*

**17:00 – 17:30** – **Dr. Arturo Ferreira**, Facultad de Medicina, Universidad de Chile

*“Modulation of the complement system and its impact in anti-parasite immunity”*

**17:40-18:00** – Closing Remarks. **Dr. Karina Pino-Lagos**, Facultad de Medicina, Universidad de Chile

#### **Cocktail**



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