



PROGRAM
XXXIII ANNUAL MEETING
CHILEAN SOCIETY FOR CELL BIOLOGY
November 25 to 29, 2019
Puerto Varas, Chile

MONDAY, NOVEMBER 25, 2019

09:00 – 13:00 Registration

11:00 – 13:00 Technical Lectures

13:00 – 14:30 Lunch

14:30 – 16:00 Inauguration

Plenary Lecture “Federico Leighton P.”

Title: TBD

Jeff Lichtman, Harvard University, USA

16:00 – 16:30 Coffee Break

16:30 – 18:30 *Fundación Ciencia & Vida Symposium I*

“Novel mechanistic insights into anti-tumor immunity”

Chair: Alvaro Lladser

Flavio Salazar, Universidad de Chile, Chile: “Gap junctions-mediated intercellular communications at the interface of the cytotoxic synapse”

Alvaro Lladser, Fundación Ciencia & Vida, Chile: “Tissue-resident memory CD8⁺ T cells cross-talk with dendritic cells to boost anti-tumor immunity”

Eliane Piaggio, Curie Institute, Paris France: “Clonally expanded T cells reveal immunogenicity of rhabdoid tumors”

Kurt Schalper, Yale Cancer Center, New Have, CT, USA: “Determinants for sensitivity and resistance to immune checkpoint blockers in cancer: Tumor adaptations and dominant T-cell regulatory pathways

Symposium “Lipids homeostasis and cell signaling”

Chair: Alejandra Alvarez

Carlos Enrich, Universitat de Barcelona, Spain: “Recent advances of intracellular cholesterol transport and homeostasis”

Francisco Muñoz, Universitat Pompeu Fabra, Barcelona, Spain: “Lipids and glutamatergic signaling”



Silvana Zanlungo, P. Universidad Católica de Chile, Chile: “Niemann-Pick type C disease: How to restore cholesterol homeostasis and signaling?”

Andrés Klein, Universidad del Desarrollo, Chile: “Uncovering novel genetic regulators of lysosomal biology”

18:45 – 20:15 Oral Presentations I

20:15 – 21:15 Grupo Bios and SBCCh: Young Scientist Prize
Ricardo Soto-Rifo, Universidad de Chile, Chile: “Epitranscriptomic regulation of HIV-1 replication”

21:15 Dinner

TUESDAY, NOVEMBER 26, 2019

08:00 Poster Mounting Session I

09:00 – 11:00 Oral Presentations II

10:30 – 13:00 Schools and Science

11:00 – 12:30 Poster Viewing Session I

12:30 – 13:30 Plenary Lecture
Sergio Quezada, University College London, UK: “Targeting immune regulation within tumours: from mechanisms to new therapies”

13:30 – 15:00 Lunch

15:00 – 17:00 *Fundación Ciencia & Vida Symposium II*
“The mTOR network in health & disease”
Chair: Soledad Matus
Michael Hall, University of Basel, Basel, Switzerland: “mTOR signaling in growth and metabolism”
Nahum Sonenberg, McGill University, Montreal, Canada:
“Translational control of cancer via mTOR”
Mauro Costa-Mattioli, Baylor College of Medicine, Houston, Texas:
“mTOR complexes in neurodevelopmental disorders”
Rene Vidal, Center of Integrative Biology, Universidad Mayor, Chile:



“Rapamycin analogs and its impact in neurodegeneration and glucose metabolism”

Symposium “Outside-in cues controlling cell migration”

Chair: Marcela Torrejón

Roberto Mayor, University College London, UK: “Wisdom of the crowds: collective cell migration controlled by chemical and mechanical cues”

Ana-Maria Lennon, Institut Curie, Paris, France: “Phagocyte migration and positioning along the intestine”

Miguel Concha, Universidad de Chile, Chile: “*In vivo* guidance of cell migration by environmental mechanical cues”

Marcela Torrejón, Universidad de Concepción, Chile: “The Lord of the G: a master regulator driving collective cell movement”

17:00 – 18:30 Oral presentations III

17:00 – 19:30 Schools and Science

18:30 – 20:00 Poster Viewing Session I

20:00 – 21:00 Plenary Lecture “Luis Izquierdo F.”

Silvana Zanlungo, P. Universidad Católica de Chile: “The lysosome beyond recycling center: a biomedical perspective of cell sustainability”

21:00 Dinner

WEDNESDAY, NOVEMBER 27, 2019

08:00 Poster Mounting Session II

09:00 – 10:30 Oral Presentations IV

10:30 – 12:00 Poster Viewing Session II

10:30 – 13:00 Schools and Science

12:00 – 13:00 Plenary Lecture

Sergio Ferreira, Federal University of Rio de Janeiro, Brazil: “A novel miokine protects the brain in Alzheimer disease models”



13:00 – 14:30 Lunch

14:30 – 16:30 Symposium “Mechanisms of autophagy in health and disease”

Chair: Eugenia Morselli

Eugenia Morselli, Universidad Católica de Chile, Chile: “Cross-talk between autophagy and primary cilium in the regulation of hypothalamic neuronal function”

Li Yu, Tsinghua University, China: “p62 phase separation in autophagy regulation”

Ivan Dikic, Universitat Frankfurt am Main, Germany: “Ubiquitin and autophagy networks”

Frank Oury, Université Paris Descartes, Paris, France: “Autophagy mediates the effects of systemic factors in cognition and brain aging”

Symposium “Unrevealing the correlation between the adipose tissue and the brain function, an integral view against obesity”

Chair: Pedro Cisternas

Rubén Quintana, Universidad de Salamanca, Spain: “Linking mitochondrial function and shape to control cell viability”

Bredford Kerr, Universidad San Sebastián, Chile: “Methyl CpG Binding Protein-2: a molecular bridge connecting environmental factors and energy homeostasis”

Pedro Cisternas, P. Universidad Católica de Chile, Chile: “Effects of adipokines over neuronal glucose metabolism, link with the cognitive failure in obesity”

William Wong, John Hopkins University, USA: “Novel secreted metabolic regulator”

16:45 – 17:30 Plenary Lecture

**Gonzalo Córdova, Editor Springer Nature, The Netherlands:
“Publishing articles: tools for researchers”**

17:00 – 19:30 Schools and Science

17:30 – 19:00 Poster Viewing Session II

19:00 – 20:00 Best Undergraduate and PhD Theses Awards

20:00 Society Members Meeting

21:00 Dinner



THURSDAY, NOVEMBER 28, 2019

08:00 **Poster Mounting Session III**

09:00 – 10:30 **Oral Presentations V**

10:30 – 12:00 **Poster Viewing Session III**

10:30 – 13:00 **Schools and Science**

12:00 – 13:00 **Plenary Lecture**

Greg Findlay, Dundee University, Scotland: “From stem to stern: exploring signal transduction in pluripotent cells”

13:00 – 14:30 **Lunch**

14:30 – 16:30 *Symposium “Organelle cell biology for latinoamerican connections”*

Chair: Patricia Burgos

Jorge Cancino, Universidad San Sebastián, Chile: “Exposing secret collaborations: Golgi-based modulation of interorganelle communications”

Luis da Silva, Universidad de Sao Paulo, Sao Paulo, Brazil: “Hijacking the Golgi: insights into the mechanism of Orthobunyavirus assembly in mammalian cells”

Matias Ostrowski, Universidad de Buenos Aires, Buenos Aires, Argentina: “Manipulation of the endosomal system by HIV-1”

Alfonso González de la Rosa, Universidad San Sebastián, Chile: “The endocytic matrix as an Achilles’ heel in cancer”

Symposium “Glial involvement on hypothalamic regulation of energy balance”

Chair: Maria de los Angeles García

Maria de los Angeles Garcia, Universidad de Concepción, Chile: “Tanycytes and their role on glucosensing and food intake regulation”

Vincent Prevot, University of Lille, France: “Tanycytes: the hypothalamic hyperdrive for metabolic hormones”

Mauricio Dorfman, University of Washington, Washington, USA: “Sex steroids in diet-induced gliosis and obesity”

Joshua Thaler, University of Washington, Washington, USA: “The metabolic impact of microglial activation”

16:30 – 18:00 **The Power Hour**

17:00 – 19:30 Schools and Science

18:00 – 19:30 Poster Viewing Session III

19:30 – 20:30 Closing Plenary Lecture

Title: TBD

Claudia Pabón, Universidad Adolfo Ibañez, Chile

20:30 – 21:15 Awards Ceremony

21:15 Dinner