



Fondecyt
Fondo Nacional de Desarrollo Científico y Tecnológico

COLLOQUIUM ON EMERGING VIRUSES

18th and 19th of November, 2016

Sala 5^{to} Centenario

Pontificia Universidad Católica de Valparaíso

Friday 18th of November

14:00 – 14:10 **Opening Remarks:**
Marcelo Lopez-Lastra, Pontificia Universidad Católica de Chile

Session I: Molecular Virology

14:10 – 14:45 **Bruno Sargeil, CNRS, France**
Direct ribosome recruitment by structured viral RNA

14:45 – 15:20 **Ricardo Soto Rifo, Institute of Biomedical Sciences, Universidad de Chile**
Regulation of HIV-1 gene expression through RNA epigenetics

15:20 – 15:55 **Gloria Arriagada, Universidad Andres Bello, Chile**
Murine leukemia virus functionally associates to dynein and dynein regulators

15:55 – 16:50 **Coffee Break**

16:50 – 17:25 **Philippe Mangeot, ENS Lyon, France**
Protein transfer by virus like particles

17:25 – 18:00 **Mylene Oligastro, INRA, UMR, Montpellier, France**
Densoviruses: how foes can turn friends and vice versa

Opening Plenary Talk

18:00 – 19:00 **Alexis Kalergis, Pontificia Universidad Católica de Chile**
Interference with the immunological and neurological synapses as virulence mechanisms of RSV. Implications for vaccine design.

Saturday 19th of November

Session II: Zoonotic Viruses

9:30 – 10:05 **Victor Neira, FAVET, Universidad de Chile**
Influenza A in Chilean swine: Evidence of recent and ancient reassortment and human to swine transmission

10:05 – 10:40 **Fernando Torres, Pontificia Universidad Católica de Valparaíso, Chile**
Ecology and Evolution: Updates and Challenges in Hantaviruses

10:40 – 11:15 **Tony Shountz, Colorado State University, USA**

- 11:15 – 11:35 Bats as Reservoir Hosts of Emerging Infectious Diseases
Coffee
- 11:35 – 12:10 **Pierre-Yves Lozach, University Hospital Heidelberg, Germany**
The host alternation and the early steps of arbovirus infection and pathogenesis
- 12:10 – 12:45 **Pablo Guardado, Institute Pasteur, France**
Structural characterization of the fusion protein of Hantaviruses
- 12:45 – 13:20 **Nicole Tischler, Fundacion Ciencia y Vida, Chile**
Hantavirus-cell fusion from a molecular perspective
- 13:20 – 15:00 **Lunch**
- Session III: Host-Virus interactions**
- 15:00 – 15:35 **Pablo Gonzalez, Pontificia Universidad Catolica de Chile**
Exploring herpes simplex virus interactions on immune and non-immune cells
- 15:35 – 16:10 **Marcela Ferres, Pontificia Universidad Catolica de Chile**
Hantavirus in Chile: Two decades of multidisciplinary research
- 16:10 – 16:45 **Maria Ines Barria, Universidad de Concepcion, Chile**
Mining the humoral response for broadly neutralizing monoclonal antibodies to treat ANDV infection
- 16:45 – 17:15 **Coffee**
- 17:15 – 17:50 **Jenniffer Angulo, Pontificia Universidad Catolica de Chile**
Single Nucleotide Polymorphisms of the host links with the susceptibility to infection and the severity of Andes Virus induced disease
- 17:50 – 18:25 **Ben Brennan, University of Glasgow, United Kingdom**
Emerging Phleboviruses – Newly discovered *bunyaviruses* causing severe haemorrhagic disease
- 18:25 – 19:00 **Joseph Prescott, NIH/NIAID, Rocky Mountain Laboratories, USA**
Immune-modeling of Ebola Virus Disease in Next-generation Humanized Immune System Mice
- Closing Plenary Talk**
- 19:00 – 20:00 **Ana Fernandez-Sesma, Icahn School of Medicine at Mount Sinai, USA**
Immune evasion by Dengue virus: feeling the STING
- 20:00 – 20:10 **Closing Remarks:**
Rafael A. Medina, Pontificia Universidad Catolica de Chile

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