

Colloquium on Emerging Viruses

Casa Central
Pontificia Universidad Católica de Valparaíso
November 18th and 19th, 2016



Friday, November 18th

Opening Remarks

14:00-14:10 **Marcelo López-Lastra, PUC (CHI)**

Session I: Molecular Virology



14:10-15:20 **Bruno Sargueil, CNRS (FRA)**
"Direct Ribosome recruitment by structured viral RNA"

15:20-15:55 **Ricardo Soto Rifo, ICBM (CHI)**
"Regulation of HIV-1 gene expression through RNA epigenetics"

15:20-15:55 **Gloria Arriagada, UNAB, (CHI)**
"Murine leukemia virus functionally associates to dynein and dynein regulators"

15:55-16:50 **Coffee Break**

16:50-17:25 **Philippe Mangeot, ENS Lyon (FRA)**
"Protein transfer by virus like particles"

17:25-18:00 **Mylene Oligastro, INRA, UMR, (FRA)**
"Densoviruses: how foes can turn friends and vice versa"

Opening Plenary Talk

18:00-19:00 **Alexis Kalergis, PUC (CHI)**
"Interference with the immunological and neurological synapses as virulence mechanisms of RSV. Implications for vaccine design"

Saturday, November 19th

Session II: Zoonotic Viruses



9:30-10:05 **Víctor Neira, FAVET (CHI)**
"Influenza A in Chilean swine: Evidence of recent and ancient reassortment and human to swine transmission"

10:05-10:40 **Fernando Torres, PUCV, (CHI)**
"Ecology and Evolution: Updates and Challenges in Hantaviruses"

10:40-11:15 **Tony Shountz, CSU, (USA)**
"Bats as Reservoir Hosts of Emerging Infectious Diseases: dynein and dynein regulators"

11:15-11:35 **Coffee Break**

Saturday, November 19th

11:35-12:10 **Pierre-Yves Lozach, Heidelberg University Hospital (GER)**
"The host alternation and the early steps of arbovirus infection and pathogenesis"

12:10-12:45 **Pablo Guardado, Pasteur Institute Pasteur (FRA)**
"Structural characterization of the fusion protein of Hantaviruses"

12:45-13:20 **Nicole Tischler, Fundacion Ciencia y Vida (CHI)**
"Hantavirus-cell fusion from a molecular perspective"
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Session III: Host-Pathogen interactions



15:00-15:35 **Pablo González, PUC (CHI)**
"Exploring herpes simplex virus interactions on immune and non-immune cells"

15:35-16:10 **Marcela Ferrés, PUC (CHI)**
"Hantavirus in Chile: Two decades of multidisciplinary research"

16:10-16:45 **María Inés Barría, UdeC (CHI)**
"Mining the humoral response for broadly neutralizing monoclonal antibodies to treat ANDV infection"

16:45-17:15 **Coffee Break**

17:15-17:50 **Jennifer Angulo, PUC (CHI)**
"Exploring herpes simplex virus interactions on immune and non-immune cells"

17:50-18:25 **Ben Brennan, University of Glasgow (UK)**
"Emerging Phleboviruses – Newly discovered bunyaviruses causing severe haemorrhagic disease"

18:25-19:00 **Joseph Prescott, NIH/NIAID (USA)**
"Immune-modeling of Ebola Virus Disease in Next-generation Humanized Immune System"

Closing Plenary Talk



19:00-20:00 **Ana Fernández-Sesma, ISMMS (USA)**
"Immune evasion by Dengue virus: feeling the STING"

Closing Remarks

20:00-20:10 **Rafael A. Medina, PUC (CHI)**

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Fondecyt
Fondo Nacional de Desarrollo Científico y Tecnológico

Funding: FONDECYT REGULAR 1140050, 1130270, 1160176, Proyecto ANILLO ACT 1408 and LIA "ANDES" From CNRS, ICM-MINECON, Project IMII P09/16-F.

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