

NEUROFRONTIERS: NEW ADVANCES ON NEUROPHARMACOLOGY.

PRELIMINARY PROGRAMM

LUNES 07 DE ENERO

09:00-10:30 Dr. Pierre Jean Corringer. Activation of a model pentameric channel receptor

Coffe-break

11:00-12:30 Dr. Christoph Van Thriel. Watching neurons responding and talking: Live cell Ca-Imaging in neuroscience, neurotoxicology and molecular chemosensation.

Almuerzo

15:00 Round table with students: Methodological approach to research on Neuroscience (both speakers)

MARTES 08 DE ENERO

09:00-10:30 Dr. Thomas Grutter. P2X-gated ion channels: Structure, Function and Optical control.

Coffe-break

11:00-12:30 Dr. Luis G. Aguayo. Amyloid beta peptide: Intracellular Mechanism of neurotoxicity.

Almuerzo

15:00 Round table with students: Methodological approach to research on Neuroscience (both speakers)

MIERCOLES 09 DE ENERO

09:00-10:00 Dr. Jose Guzman. Dendrimers as drug nanotransporters: The neuronal connection.

Coffe-break

10:30-11:30 Dr. Claudio Coddou. Role of Purinergic Signaling in Gastric Cancer

11:45-12:45 Dr. Patricio Castro. Neurodevelopment and Antiepileptic drugs

Almuerzo

15:00 Round table with students: Methodological approach to research on Neuroscience (with speakers)



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JUEVES 10 DE ENERO

09:00-10:00 Dr. Gonzalo Yévenes. Glycinergic inhibition in chronic pain: pharmacological perspectives

10:15-11:15 Dr. Ramón Sotomayor. Neonatal exposure to sex hormones on dopaminergic pathways.
Neurochemical and Behavioral effects.

Coffe-break

11:45-12:45 Dr. Elías Leiva. Differential channel Localization: New Insights in neuronal excitability

Almuerzo

15:00 Round table with students : Methodological approach to research on Neuroscience (speakers)

VIERNES 11 DE ENERO

09:00-10:00 Dr. Jorge Fuentealba Arcos. P2X2 receptors on Neurodegenerative diseases

10:15-11:15 Dra. Carola Muñoz. Mitochondrial adaptations to confront oxidative stress: does vitamin C has a role in overcoming neurophatology.

11:45-12:45 Dr. Gustavo Moraga-Cid. Understanding the structural requeriments for functional receptors

Coffe-break

11:45-12:45 Concluding Remarks and round Table.

