

International course and mini-symposium: Physiology of Membrane Ion Transport.

Topics:

- Ca^{2+} pump
 - Na,K-ATPase
 - IP3 receptors and Ca^{2+} signals
 - Na^+ , Cl^- , and K^+ channels
 - Connexins.
 - Sodium/iodide symporter
 - Cationic amino acid transporters
 - Organization of plasma membrane.
 - Mathematical models of transport.
 - Computational modeling of molecular systems.
 - Ca^{2+} transport in muscle
-
- Two day mini-symposium

September 16-29, 2009
Montevideo
Uruguay

Invited speakers :

Verónica Abudara Facultad de Medicina, Univ.de la República , Uruguay

Hugo Adamo, IQUIFIB, Universidad de Buenos Aires, Argentina

Pablo S. Aguilar Institut Pasteur de Montevideo, Uruguay

Guillermo A. Altenberg Texas Tech University Health Sciences Center, USA

Nancy Carrasco Albert Einstein College of Medicine, New York, USA

Silvia Chifflet Facultad de Medicina. Univ.de la República, Uruguay

Gonzalo Ferreira Facultad de Medicina, Univ.de la República , Uruguay

Dominique Gagnon, University of Chicago, USA

Teresa Giraldez Hospital Universitario Ntra. Sra. de Candelaria, España

Julio Hernández , Facultad de Ciencias Univ.de la República , Uruguay

Enrique Jaimovich , Instituto de Ciencias Biomédicas, Universidad de Chile

Sergio Pantano Institut Pasteur de Montevideo , Uruguay

R. Daniel Peluffo New Jersey Medical School, New Jersey, USA

Gonzalo Pizarro , Facultad de Medicina. Univ.de la República , Uruguay

Tom Pressley Texas Tech University Health Sciences Center, USA

Rolando C. Rossi IQUIFIB, Universidad de Buenos Aires, Argentina

Organizers :

Pablo Artigas, Dept. of Cell Physiology and Molecular Biophysics
Texas Tech University Health Sciences Center, Texas, USA
pablo.artigas@ttuhsc.edu

Gustavo Brum, Dpto. de Biofísica, Facultad de Medicina
Universidad de la República, Montevideo, URUGUAY
gbrum@fmed.edu.uy

Support for students of the region will be available.
Send CV, letter explaining interest in the activity and
letter of head of the laboratory to organizers before **July 31**.

Sponsors :

