

ISN School on Molecular and Cell Biology to Unravel the Physiology/Pathology of Diverse Neuroscience Paradigms

The Course and Symposium took place on November 14-20, 2015. From November 16 to 20 the theoretical and experimental activities of the Course was held. The theoretical activities were held in the mornings at the Palladium Business Hotel Conference Room. The Conference Room of the IIBCE could not be used because it was reserved before us for two different Courses, so we needed to rent the Palladium Business Conference Room. It was not only excellent quality, but also Students and Professors were allocated there, so they can do breakfast and arrive on time to Lectures.. The Lectures titles can be read in the attached week program (40 min. each, 5 min. discussion). We asked the Speakers to give their Research subject inserted in the related literature. During the afternoons the students were divided in five groups in order to perform the different Experimental Works (Hands on) at the Laboratories of the “**Instituto de Investigaciones Biológicas Clemente Estable (IIBCE)**”. The five experimental activities were: 1) Transcriptome characterization by High Throughput Sequencing (in charge of Joaquina Farías and directed by José R. Sotelo Silveira); 2) Human Cognition Analysis (in charge of Marcela Piffareti, directed by Angel Caputi); 3) Electron Microscopy Immunocytochemistry of Axonal Ribosomes (in charge of Carlos Romeo and directed by Alejandra Kun); 4) FRET Between mRNAs and Motor Proteins (in charge and directed by Lucía Canclini); 5) Modulation of Dopamine levels induced by “pasta base” (of cocaine) inhalation. Role of the main dopants (in charge of Andrés Abin and directed by Cecilia Scorza).

November 14 and 15 was dedicated to the Symposium in Hotel Casapueblo, Punta Ballena, Punta del Este, Maldonado, Uruguay (this Hotel, see photographs in attachment 2, has the adequate facilities to accommodate the Symposium). See the program of the Symposium and the Participants photograph attached. Each Lecture was 20 min. long with 5 min. discussion.

The main goal of the Course and Meeting was achieved by bringing together International and National Researcher Speakers working on cellular mechanisms disrupted in degenerative diseases that shared their latest progress and exchanged ideas among them and students. During the Symposium the Speakers should summarize their last research results. We gave the selected Latin-American Students (7 Argentinians, 6 Brazilians, 2 Chilean and 5 Uruguayan) the unique opportunity of interacting with leading researchers from Europe, USA and Latin-America. The small size of the meeting and the range of topics were designed to stimulate and favour interactions between the speakers and students. The Students also presented a Poster of the work they were working on in their Laboratory of origin and had the opportunity to discuss it with the Speakers and ask them their advice. During the Symposium, Students were stimulated to ask questions to the Speakers, as well as to meet with them during break times. The latter because, a no less important goal is to promote the interchange between local Latin American Professors and students with visiting US and European Speakers, as a mean of promoting scientific collaborations.

This Symposium and course have a strong track record of success in developing scientific interactions collaborations between local professors, foreign professors and Latin American or other nationalities students.

Use of funds

The Symposium and the second week of the Course were mainly financed by ISN and part of the money that gave us IBRO and IUBMB. Other sources of finance were The Company of Biologists and the US Embassy.

The funds received were allocated in the following way:

| Concept | U\$S |
|---|------------------|
| Hotel Palladium Montevideo - lodging expenses | 1990 |
| Hotel Palladium Montevideo – conference room expenses | 300 |
| Hotel Casapueblo - lodging expenses | 2800 |
| Hotel Casapueblo – meals | 3000 |
| Hotel Casapueblo - conference room expenses | 300 |
| Air Tickets | 4924 |
| Nucleic Acids Sequencing costs | 1700 |
| | |
| Total | 15.014,00 |

Please see the copy of the bills in Attachment 4.

List of Person teaching at the second week of the Course who received ISN funding:

Ernesto Carafoli, Professor of Biochemistry, University of Padova, Italy.

Efstathios Gonos, Congresses and Conferences, IUBMB, National Hellenic Research Foundation, Institute of Biology, Medicinal Chemistry and Biotechnology, 48 Vas. Constantinou Ave., Athens 11635, Greece.

Thomas Kisslinger, Proteomics Laboratory, Princess Margaret Cancer Centre Toronto Medical Discovery Tower, 101 College Street, TMDT 9-807, Toronto, Ontario Canada.

Alfredo Caceres, Director of the Instituto de Investigación Médica Mercedes y Martín Ferreyra, Calle Friuli 2434, Cordoba, Argentina.

See in Attachment 5 the copy of their air tickets and associated documents.

List of Students who received ISN funding, food and accommodation at Casapueblo (Punta Ballena) and Hotel Palladium (Montevideo)

- 1) Natanael Mansilla, Argentinian (male), Universidad Nacional del Litoral.
- 2) Romina Cejas, Argentinian (female), Universidad Nacional de Cordoba.
- 3) Catiana Dudiuk, Argentinian (female), Universidad Nacional del Litoral.
- 4) Emanuel Morel, Argentinian (male), Universidad de Buenos Aires.
- 5) María Santi, Argentinian (female), Universidad Nacional de Cordoba.
- 6) Valentina Castillo, Chile (female), Universidad de Chile.
- 7) Pablo Rosas, Chile (male), Universidad de Chile.
- 8) Vanessa Agertt, Brasil (female), Universidad Federal de Santa María.
- 9) Alan Araujo, Brasil (male), Universidad Federal de Minas Gerais.
- 10) Isabela Cruz, Brasil (female), Universidad de Santa Catarina.
- 11) Acacia Goncalves, Brasil (female), Universidad Federal de Goias.
- 12) Nadia Presa, Uruguay (female), Facultad de Ciencias.

Students travel costs: the “Asociación de Universidades Grupo Montevideo” AUGM (Association of Universities Montevideo Group) has an agreement among all associated Universities or Institutes establishing that the accepted Students travel expenses will be paid by the University where they are currently studying on, meanwhile, the allocation, meals and transport will be paid by the Course Organizers (in this case IIBCE). The Instituto de Investigaciones Biológicas Clemente Estable (IIBCE) is a member of the AUGM.