SPBBM Sociedad Peruana de Bioquímica y Biología Molecular

INAUGURAL SYMPOSIUM

Scientific Program

A kick-off meeting for presenting our society and calling on new members.

26/Jan/18

SPBBM Sociedad Peruana de Bioquímica y Biología Molecular

Thursday, March 1, 2018.	
Time	Auditorium Hugo Lumbreras Cruz, Av. Armendáriz 445, Miraflores, Lima, Perú.
08:45	Registration and coffee
09:15	Opening speech: Presentation of the Peruvian Society of Biochemistry and Molecular Biology
09:45	**Cell Biology: From Molecules to Phenotypes**
10:00	KEYNOTE SPEAKER: Joan Guinovart, IRB Barcelona, Spain. **"Lessons from Lafora Disease"**
10:45	Invited Speaker: Reinhard Dechant, ETH Zürich, Switzerland. **"Cytosolic pH: a conserved molecular signal regulating cell growth"**
11:30	Coffee
11:45	Edward Málaga, UPCH, Lima, Perú. **"Neurotoxic pathways mediated by the Prion Protein and Src Family Kinases in prion and Alzheimer´s diseases"**
12:15	Patricia Manosalva, UC Riverside, USA. **"Elucidating the molecular basis of plant immunity to oomycte pathogens: From model plants to crops"**
12:45	Lunch
14:15	**Biophysics and Structural Biology**
14:30	KEYNOTE SPEAKER: Ernesto Freire, Johns Hopkins University, USA **"Thermodynamic Selection and Optimization of Drug Candidates"**
15:15	Invited speaker: Rodrigo Portugal, CNPEM, Campinas, Brazil **"Visualizing macromolecules by single particle cryo-EM"**
16:00	Coffee
16:15	Mirko Zimic, UPCH, Lima, Perú. **"Understanding the mechanism of action and resistance to pirazinamide in *Mycobacterium tuberculosis*"**
16:45 17:15	Pohl Milon, UPC, Lima, Perú. **"Dynamic motions of the 30s initiation complex during mRNA selection"**

SPBBM Sociedad Peruana de Bioquímica y Biología Molecular

Friday, March 2, 2018.	
Time	Auditorio Hugo Lumbreras Cruz, Av. Armendáriz 445, Miraflores, Lima, Perú.
09:45	**Bioprospecting and applications of biochemical diversity**
10:00	KEYNOTE SPEAKER: David Sherman, University of Michigan, USA **"Synthetic chemistry and new drugs from marine microorganisms"**
10:45	Invited Speaker: Alberto Dávila, Instituto Oswaldo Cruz, Brazil **"Metagenomics as a tool for biodiversity and health"**
11:30	Coffee break
11:45	Rosario Rojas, UPCH, Lima, Perú. **"Applied Research on Peruvian Natural Products"**
12:15	Eric Cosio, PUCP, Lima, Perú. **"Organic volatiles from plants as indicators in ecology and agro-industry"**
12:45	Lunch
14:15	**Integration of Bio-molecular Information**
14:30	KEYNOTE SPEAKER: Carlos Jerez, Universidad de Chile, Chile **"Microbial copper resistance: Importance in biohydrometallurgy"**
15:15	Ricardo Fujita, UNSMP, Lima, Perú. **"Perspectives of genomic studies on Peruvian populations"**
16:00	Coffee
16:15	**Alfredo Ibáñez, PUCP, Lima, Perú.** **"The art of mass spectrometry, and its applications in life sciences"**
16:45	Jorge Arévalo, IMT-AvH, Lima, Perú. **"Genetic variations among *Leishmania* populations"**
17:15	Coffee break
17:45	CLOSURE: KEYNOTE SPEAKER: Carlos Bustamante, University of California - Berkeley.
18:15	Homage to Peruvian Scientific leaders as honorary members of the Society: Alberto Cazorla, Abraham Vaisberg, Marcel Gutiérrez*, Beatriz Lizárraga, Armando Yarlequé. (*posthumous).
18:45	Ceremonial signature of the application letter of the Peruvian Society for the PABMB and IUBMB.