



Advanced School on Molecular and Cell Biology to Unravel the Physiology/Pathology of Diverse Biological

### Foreign Professors

Names	Address	Scientific interest
Dr. Ernesto Carafoli	Venetian Institute of Molecular Medicine, Italy	"Calcium Signalling in Health and Disease."
Dr. Igor Stagliari	Department of Biochemistry, University of Toronto, Canada	"Protein networks regulating membrane transport and cell signaling. High Throughput Two Hybrid Assays", "Protein Involved in Genome Stability in Humans"
Dr. George Bloom	Department of Biology, University of Virginia, USA	"Molecular and Cell Biology of Alzheimer's Disease"
Dr. Peter Baas	Department of Neurobiology and Anatomy, Drexel University	"How microtubule-related proteins contribute to neurodegenerative diseases such as in
	College of Medicine, Philadelphia, USA	Tauopathies"
Dr. Jeffrey	Department of	"Protein and mRNA

<b>Gerst</b>	<b>Molecular</b>	transport in cell growth
	<b>Genetics,</b>	and disease\
	<b>Weizmann</b>	
	<b>Institute of</b>	
	<b>Science.</b>	
	<b>Rehovot, Israel</b>	
<b>Dr. John A.</b>	<b>McLaughlin</b>	\Molecular and Cell
<b>Mercer</b>	<b>Research</b>	Cardiomyopathies\
	<b>Institute, Great</b>	
	<b>Falls, USA.</b>	
	<b>Institute for</b>	
	<b>Stem Cell</b>	
	<b>Biology &amp;</b>	
	<b>Regenerative</b>	
	<b>Medicine,</b>	
	<b>Bangalore, India</b>	
<b>Dr. Roy</b>	<b>Department of</b>	\RNA Binding Proteins in Firm
<b>Larson</b>	<b>Molecular and</b>	Axons and Synapsis\
	<b>Cell Biology in</b>	
	<b>Pathology,</b>	
	<b>School of</b>	
	<b>Medicine at</b>	
	<b>Ribeirao Preto,</b>	
	<b>University of São</b>	
	<b>Paulo, Brasil</b>	
<b>Dr. Horst</b>	<b>University of</b>	FRET and Triple FRET
<b>Walrabe</b>	<b>Virginia, USA</b>	
<b>Dr. Meg Titus</b>	<b>College of</b>	\Class I myosins play a
	<b>Biological</b>	role in endocytosis and its

	<b>Sciences,</b>	mutants exhibit decreased
	<b>University of</b>	endocytic activity\"
	<b>Minnesota,</b>	
	<b>Medical School.</b>	
	<b>USA</b>	
<b>Dr. David</b>	<b>Advanced</b>	\"Biotechnology and
<b>Munroe</b>	<b>Technology</b>	Genomic of Cancer\"
	<b>Program (ATP),</b>	
	<b>Director of</b>	
	<b>SAIC-Frederick,</b>	
	<b>Inc., National</b>	
	<b>Cancer Institute</b>	
	<b>at Frederick,</b>	
	<b>USA</b>	
<b>Dr. L. C.</b>	<b>Department of</b>	\"Mass Spectromics
<b>Cameron</b>	<b>Proteins</b>	Analysis During Human
	<b>Biochemistry</b>	Hyper Metabolic States\"
<b>Dr Adriana</b>	<b>Department of</b>	\"Mass Spectromics
<b>Bassini</b>	<b>Proteins Biochemistry</b>	Analysis During Human
		Hyper Metabolic States\"
<b>Dr. Robert</b>	<b>Department of</b>	“Studying Single mRNA
<b>Singer</b>	<b>Anatomy and</b>	Molecules from Cradle to
	<b>Structural</b>	Grave”
	<b>Biology, Albert</b>	
	<b>Einstein College</b>	
	<b>of Medicine, USA</b>	

<b>Dr. Ricardo Benavente</b>	<b>Department of Cell and Developmental Biology, University of Würzburg, Germany</b>	\ "The Functional Organization of the Cell Nucleus, in particular in meiotic cells\".
<b>Dr. Gregg Gundersen</b>	<b>Department of Pathology and Cell Biology College of Physician and Surgeons, Columbia University</b>	\ "Microtubules and Cell Polarization\"
<b>Dr. Miguel Calero</b>	<b>Spongiform Encephalopathies Unit, National Centre of Microbiology, Institute of Health Carlos III (CNM-ISCIII, Spain</b>	\ "Cell and Molecular Biology of Neurodegenerative Diseases\"
<b>Dr. Victor Shahin</b>	<b>Department of Physiology, Munster University, Germany</b>	\ "Atomic force microscopy Firm in biomedical research\"
<b>Dr. Hans Oberleithner</b>	<b>Department of Physiology, Munster University, Germany</b>	\ "Atomic force microscopy Firm in Nanophysiology and Nanomedicine\"
<b>Dr. Mike</b>	<b>Department of</b>	“Retrograde signalling in

<b>Fainzilber</b>	<b>Biological Chemistry, Weizmann Institute of Science. Rehovot, Israel.</b>	nerve growth and regeneration”.
<b>Dr. Avraham Yaron</b>	<b>Dept. Biochemistry Ullman Building, Room 31. Weizmann Institute of Science, Rehovot, Israel</b>	“The axonal transcriptome: From global view to single gene”
<b>Dr. Felipe Court</b>	<b>Department of Physiology, Catholic University, Santiago, Chile</b>	“Vesicle-mediated transfer of RNA and proteins from glial cells to axons”
<b>Dr. Osvaldo Uchitel</b>	<b>IFIBYNE - Universidad de Buenos Aires UBA/CONICET</b>	“Calcium channels and synaptic transmission 50 years after Katz and Miledi”
<b>Montevideo-URUGUAY Professors</b>		
<b>Names</b>	<b>Address</b>	<b>Scientific interest</b>
<b>Dr. Beatriz Garat</b>	<b>Biochemistry Department, School of Science, University of the</b>	“Molecular interactions the genetic expression of Trypanozome”

	<b>Republic</b>	
<b>Dr. Gustavo Folle</b>	<b>Department of Genetics, Instituto de Investigaciones Biologicas (IIBCE)</b>	“Genetics and Mutagenesis”
<b>Dr. Gonzalo Ferreira</b>	<b>Biophysics Department, School of Medicine, UdelaR</b>	“Channelopathies”
<b>Dr. Silvia Chifflet</b>	<b>Department of Biochemistry, School of Medicine, UdelaR</b>	“Cell Migration in Epithelium Reparation”
<b>Dr. Juan Claudio Benech</b>	<b>Laboratory of Nanobiology, IIBCE,</b>	“Atomic Force Microscope Firm in Myometrium Cells”
<b>Dr. Alejandra Kun</b>	<b>Biochemistrly Associated Unit to the School of Sciences, UdelaR-IIBCE</b>	“Ribosomes and axonal cytoskeleton in neurodegenerative diseases”
<b>Dr. J.R. Sotelo-Silveira</b>	<b>Department of Functional Genomics</b>	“Transcription & Translational Profiling”

<b>Dr. Maria</b>	<b>Biochemistry</b>	<b>“Cancer Stem Cells”</b>
<b>Ana Duhagon Department,</b>	<b>School of</b>	
	<b>Sciences, UdelaR</b>	
<b>Dr. J. R.</b>	<b>Department of</b>	<b>“Axonal Protein Synthesis Firm</b>
<b>Sotelo</b>	<b>Protein &amp; Nucleic Acids,</b>	<b>and Glia to Axon RNA</b>
		<b>Transfer”</b>
	<b>IIBCE.</b>	