

PRELIMINARY PROGRAM

Day	PLENARY CONFERENCES	Title
Monday	Robert D. Schreiber (Washington University School of Medicine, St. Louis, Missouri, USA).	Leonardo Satz Conference: Cancer Neoantigens as Targets for Natural and Therapeutic Anti-Tumor Responses
Tuesday	Erwin Wagner (Spanish National Cancer Research Centre, Madrid, Spain)	The EMBO Keynote Lecture: Inflammation, metabolism and cancer linked to AP-1(Fos/Jun) expression
Wednesday	Gabriel Rabinovich (Instituto de Biología y Medicina Experimental (IBYME-CONICET), Departamento de Química Biológica, Facultad de Ciencias Exactas y Naturales, UBA), Buenos Aires, Argentina)	Lanari Conference: Closing rifts to open new horizons: a sweet tale of tolerance from basic discovery to drug design
Thursday	Jeffrey L Benovic (Thomas Jefferson University, Jefferson Health, USA)	The biochemistry of G protein-coupled receptor signaling
Friday	Angel I. Nebreda (ICREA and Institute for Research in Biomedicine (IRB Barcelona), Barcelona Institute of Science and Technology, Barcelona, Spain).	Tumorigenesis regulation by stress kinase signaling.
Friday	Thomas A. Steitz, NOBEL PRIZE IN CHEMISTRY 2009 (Department of Molecular Biophysics & Biochemistry and Department of Chemistry at Yale University and the Howard Hughes Medical Institute, New Haven, Connecticut, USA)	Gregorio Weber Conference: The structure and function of the ribosome complexes with various protein factors and antibiotics

Day	CONFERENCES	Title
Monday	Marcelo Marti (Departamento de Química Biológica, Facultad de Ciencias Exactas y Naturales, UBA, Buenos Aires, Argentina)	Bioinformatics applications: where Biophysics and Genomics meet
	Antonio Lanzavecchia (Institute for Research in Biomedicine, Switzerland)	To be confirmed
	Damián Refojo (Instituto de Investigación en Biomedicina de Buenos Aires (IBIOBA), CONICET, Instituto Partner de la Sociedad Max Planck, Buenos Aires, Argentina)	Neddylation, a new essential post-translational modification for neuronal development and function
	Julio A. Urbina (Instituto Venezolano de Investigación Científica, Caracas, Venezuela)	Recent clinical studies for the treatment of chronic Chagas disease: conclusions, challenges and alternatives
Tuesday	Lisa Coussens (Oregon Health and Science University (OHSU), Portland, Oregon, USA)	Manipulating the Tumor Microenvironment for Anti-Cancer Therapy.
	Jon Hennebold (Oregon Health and Science University, USA)	Defining the cellular and molecular processes critical for primate ovarian function and fertility
	Alberto Nagelberg (División de Endocrinología, Hospital General de Agudos Carlos G Durand, Buenos Aires, Argentina)	Transgender
	Roberto Docampo (University of Georgia, Athens, Georgia, USA)	“Novel approaches for genome editing in trypanosomes”

Wednesday	Carlos Davio (Instituto de Investigaciones Farmacológicas (ININFA), UBA, CONICET, Buenos Aires, Argentina)	Taquini Conference: Mechanism-Based Target Identification and Drug Discovery in Cancer Research: Relevance of cyclic-AMP and coupled signaling pathway.
	E. John Wherry (Department of Microbiology and Institute for Immunology. Perelman School of Medicine, University of Pennsylvania, Philadelphia, Pennsylvania, USA)	Understanding the molecular program of T cell exhaustion and its role in disease
	Enrique Mesri (Microbiology & Immunology, Miller School of Medicine, Miami University, USA)	Héctor Torres - Horacio Cingolani Conference: Molecular and cellular mechanisms of human viral oncogenesis
Thursday	Alejandro Vila (Instituto de Biología Molecular y Celular de Rosario, (IBR), Universidad Nacional de Rosario, Rosario, Santa Fe, Argentina)	The last frontier of antibiotic resistance: at the heart of protein evolution
	Alexander Kauffman (University of California, San Diego, California, USA)	Don't Stress! New insights into stress inhibition of mammalian reproduction
	Rafael Maldonado (Facultad de Ciencias de la Salud y de la Vida, Universidad Pompeu Fabra de Barcelona, España)	Addictive-like behavior induced by palatable food: neurobiological bases
	Francisco Baralle (International Centre for Genetic Engineering and Biotechnology (ICGEB), Trieste, Italy)	Aging, TDP 43 aggregation and neurodegeneration
Friday	Patricia Cuasnicu (Instituto de Biología y Medicina Experimental (IBYME), Buenos Aires, Argentina)	From fertilization to the immune system
	Federica Sallusto (Center of Medical Immunology, Institute for Research in Biomedicine, Università della Svizzera italiana, Bellinzona, Switzerland)	Heterogeneity of the human T cell response against microbes
	Andrea Gamarnik (Instituto Fundación Leloir, Buenos Aires, Argentina)	Molecular Mechanisms of Dengue and Zika virus replication

SYMPOSIA

MONDAY	
CELL BIOLOGY: INTRACELLULAR TRAFFICKING	Title
Jonathan Bogan (Cell Biology, Yale School of Medicine, USA)	A proteolytic mechanism that coordinates the regulation of glucose metabolism and physiology
Scott Braddy (Department of Anatomy and Cell Biology, College of Medicine, University of Illinois, Chicago, USA)	To be confirmed
Enrique Rodriguez Boulan (Weill Cornell University, New York, USA)	Molecular cross-talk between Retina and Choroid Endothelial Cells: Role in health and disease.
Pablo Schwarzbaum (Química Biológica y Físicoquímica Biológica, Facultad de Ciencias Exactas y Naturales, UBA, Buenos Aires, Argentina)	Regulation of extracellular ATP and cell volume in human erythrocytes. Physiological and pathological aspects.

YOUNG INVESTIGATORS IN REPRODUCTION	Title
Sheila Ons (Universidad Nacional de La Plata (UNLP), La Plata, Buenos Aires, Argentina)	Hormonal Regulation of insect reproduction
Alejandro Mechaly (Instituto Nacional de Investigación y Desarrollo Pesquero (INIDEP), Mar del Plata, Buenos Aires, Argentina)	Kisspeptin: is it the gene of the first kiss in fish?
Eugenia Matzkin (Instituto de Biología y Medicina Experimental (IBYME), CONICET, Buenos Aires, Argentina)	Cyclooxygenase and prostaglandins in testicular physiopathology
Micaela Sordelli (Centro de Estudios Farmacológicos y Botánicos (CEFYO), Buenos Aires, Argentina)	Participation of lipid mediators in human trophoblast migration during the first trimester. Role of cAMPII.
NEW THERAPEUTIC APPROACHES FOR THE CONTROL OF CHAGAS DISEASE	Title
Sergio Sosa Estani (Drugs for Neglected Diseases initiative, Buenos Aires, Argentina)	Chagas disease: Clinical evidence for etiological treatment and biomarkers for assessing response
Alicia Fuchs (Centro de Altos Estudios en Ciencias Humanas y de la Salud, Universidad Abierta Interamericana (UAI), Buenos Aires, Argentina)	Bisphosphonates a proposal for antiparasitic treatment
Alan Talevi (Facultad de Ciencias Exactas de la Universidad Nacional de La Plata (UNLP), La Plata, Buenos Aires, Argentina)	Modern approaches for the discovery of drugs against Chagas disease
Celina Lamas (Tecnología Farmacéutica, CONICET, Instituto de Química de Rosario, Rosario, Santa Fe, Argentina)	New therapeutic strategies for the treatment of Chagas disease.
INFLAMMATION AND AUTOIMMUNITY	Title
David Artis (Weill Cornell Medical College, Cornell University, New York, USA)	Immune regulation at barrier surfaces
Felipe Andrade (Johns Hopkins University School of Medicine, Baltimore, USA)	Neutrophil damage and hypercitrullination in rheumatoid arthritis
Jorge Henao-Mejía (Perelman School of Medicine, University of Pennsylvania, Philadelphia, Pennsylvania, USA)	LncRNAs and inflammation
Manuel Fresno (Centro de Biología Molecular Severo Ochoa, Universidad Autónoma de Madrid (UAM), España)	Understanding the complex immunopathogenesis of Trypanosoma cruzi infection: The road to clinical management of Chagas disease
BIOCHEMISTRY AND MOLECULAR CELL BIOLOGY OF PLANTS	Title
Julia Irene Qüesta, Department of Cell and Developmental Biology, John Innes Centre, Norwich Research Park, Norwich, United Kingdom	Building and maintaining epigenetic memory: insights from FLC
Federico Ariel (Instituto de Agrobiotecnología del Litoral, Universidad del Litoral, Santa Fe, Argentina)	ASCO long noncoding RNA modulates alternative splicing patterns in Arabidopsis
Sebastián Azurmendi (Instituto Nacional de Tecnología Agropecuaria (INTA), Buenos Aires, Argentina)	TMV systemic movement requires negative modulation of the immune system.
Jorge Muschietti (Instituto de Investigaciones en Ingeniería Genética y Biología Molecular (INGEBI), Buenos Aires, Argentina)	Molecular mechanisms of plant fertilization
B CELLS AND FOLLICULAR T HELPER CELLS	Title

Joseph E. Craft. Yale University School of Medicine, New Haven, Connecticut, USA.	B cells and Follicular T helper cells
Deepak A. Rao (Harvard Medical School, Boston, USA)	An expanded family of B cell-helper T cells in rheumatoid arthritis
Cornelis Murre (Division of Biological Sciences. University of California, San Diego, California, USA)	Molecular and physical mechanisms that orchestrate B cell development.
Adriana Gruppi (Centro de Investigaciones en Bioquímica Clínica e Inmunología, Facultad de Ciencias Químicas, UNC, Córdoba, Argentina.	Galectin-3 deficiency drives lupus-like disease by promoting spontaneous germinal centers formation via IFN- γ
YOUNG INVESTIGATOR'S AWARD (BIGAND FOUNDATION)	
YOUNG INVESTIGATORS SAFE´AWARD	

TUESDAY	
MICROBIOLOGY	Title
Diana Hansen (The Walter and Eliza Hall Institute of Medical Research, Australia)	Immunological processes underlying the slow acquisition of immunity to blood-stage malaria
Kosntantin Severinov (Yale University School of Medicine, New Haven, Connecticut, USA).	Adaptive immunity of bacteria
Nancy Freitag (University of Illinois, College of Medicine at Chicago, USA)	From soil to cytosol: the pathogenic transition of the environmental bacterium <i>Listeria monocytogenes</i>
Mónica Sparo (Universidad Nacional de La Plata (UNLP), Buenos Aires, Argentina)	Impact of antimicrobial activity of bacterial peptides on multi-drug resistant pathogens: Effect in human and veterinary medicine.
PRECISION MEDICINE IN ONCOHEMATOLOGY	Title
Laura Pasqualucci (Pathology and Cell Biology, Columbia University, New York, USA)	The Genetic Basis of Diffuse Large B cell Lymphoma
Leandro Cerchietti (Weill Cornell Medicine (WCM), Cornell University, New York, USA.)	Targeting nuclear trafficking: the way out
Katherine Borden (Department of Pathology and Cell Biology, Faculty of Medicine, Université de Montréal, Canada)	Decoupling the proteome from the transcriptome: the story of the eukaryotic translation initiation factor EIF4E
Monica Guzman (Weill Cornell Medicine (WCM), Cornell University, New York, USA.)	Therapeutic targeting of leukemia stem cells
MYSTERIES OF REPRODUCTION I	Title
Héctor A. Guidobaldi (Universidad Nacional de Córdoba (UNC), CONICET, Córdoba, Argentina)	Now you see me, now you don't! Selection strategies employed by the oocyte to be correctly fertilized.
Miguel Fornes (Instituto de Histología y Embriología "Dr. Mario H. Burgos" (IHEM), Universidad Nacional de Cuyo, Mendoza, Argentina)	Spermatic alterations as markers of hypercholesterolemia and their improvement with olive oil consumption
Lucrecia Iruzubieta (Facultad de Bioquímica, Química y Farmacia, Universidad Nacional de Tucumán, Argentina)	Morphological and functional study of <i>Leptodactylus chaquensis</i> testis
Cecilia Paparella (Departamento de Bioquímica Clínica, Facultad de Ciencias Bioquímicas y Farmacéuticas, UNR, Rosario, Santa Fe, Argentina)	Environmental factors and their effects on male reproduction

BIOPHYSICAL APPROACHES	Title
Andrés Binolfi (Laboratorio Max-Planck de Biología Estructural, Universidad Nacional de Rosario (UNR), Rosario, Santa Fe, Argentina.	In-cell NMR as a tool for in situ structural biology
Laura Estrada (Departamento de Física e Instituto de Física de Buenos Aires, UBA, CONICET, Buenos Aires, Argentina)	Dengue virus capsid dynamics: bridging biophysics and molecular virology by advanced fluorescence techniques
Laura Fanani (Centro de Investigaciones en Química Biológica de Córdoba (CIQUIBIC), CONICET, Universidad Nacional de Córdoba (UNC), Córdoba, Argentina.	What can we learn about drug membrane interaction from model lipid membranes
Valeria Levi (Departamento de Química Biológica, Facultad de Ciencias Exactas y Naturales, UBA, CONICET, Buenos Aires, Argentina)	Mapping the dynamics of transcription factors in living cells and whole organisms
IMMUNOPHARMACOLOGY AND IMMUNOTHERAPY	Title
Rob Thurmond (Clinical Research Group, Johnson & Johnson, La Jolla, San Diego, California, USA)	The Histamine H4 Receptor: Translation of Preclinical Models to Clinical Efficacy
Madeleine Ennis (Centre for Infection and Immunity, Queen's University Belfast, Belfast, United Kingdom)	Cystic Fibrosis from Laboratory to Clinic
Katerina Tiligada (Dep Pharmacology, Medical School, University of Athens, Greece)	Immunopharmacological challenges and opportunities in modern targeted therapeutics
Carlos Silva (Servicio de Oncología Clínica, Hospital Británico, CABA, Argentina)	Immune-oncology: yesterday, today and tomorrow
MALE SEXUALITY: AN INTEGRATED APPROACH	Title
Oswaldo Mazza (Servicio de Urología, Hospital de Clinicas Jose de San Martin, Buenos Aires, Argentina)	Sexual evolution in the human species
Ernesto Grasso (Sección Andrología / Sexología, Sanatorio Trinidad Mitre, Buenos Aires, Argentina)	Premature ejaculation: diagnosis and treatment
Miguel Rivero (ENERI, Buenos Aires, Argentina)	From endothelial dysfunction to erectile dysfunction. Where do we stand in 2017? Therapeutic possibilities.
Juan Carlos Kusnetzoff (Buenos Aires, Argentina)	Sex and sexuality: an integrated approach
YOUNG INVESTIGATORS IN BIOPHYSICS	Title
Ernesto Ambroggio - CIQUIBIC-CONICET, Dpto. Química Biológica, Facultad de Ciencias Químicas, Universidad Nacional de Córdoba, Argentina	Effect of lipid-packing and membrane curvature on protein membrane interactions
Santiago Di Lella - Instituto de Química Biológica - Ciencias Exactas y Naturales (IQUIBICEN), Conicet - Facultad de Ciencias Exactas y Naturales, Universidad de Buenos Aires	Hampering the inactivation of the immunomodulatory protein Galectin-1 in inflammatory microenvironments
Maria Natalia Lisa - Laboratorio de Microbiología Molecular y Estructural, Instituto Pasteur de Montevideo, Montevideo, Uruguay	X-ray protein crystallography as a tool for the study of bacterial virulence factors
Lorena Sigaut - Departamento de Física, Facultad de Ciencias Exactas y Naturales, Universidad de Buenos Aires and IFIBA CONICET, Buenos Aires, Argentina	Sustained mechanical stress alters the dynamics and molecular response of focal adhesions in mammary epithelial cells
CELL SIGNALING: UBIQUITIN AND AUTOPHAGY IN HEALTH AND DISEASE	Title

Simona Polo (Fondazione Istituto di Oncologia Molecolare (IFOM), Milan, Italy)	Structural and functional plasticity of myosin VI
Daniele Guardavaccaro (Utrecht University, Utrecht, Netherlands)	Cullin-RING Ubiquitin Ligases: from Signaling to Disease
María Isabel Colombo (Instituto de Histología y Embriología (IHEM) "Dr. Mario Burgos", CONICET, Universidad Nacional de Cuyo, Mendoza, Argentina)	Autophagy and pathogen-containing compartments: signaling to control life and death
María Inés Vaccaro (Facultad de Farmacia y Bioquímica, UBA, Buenos Aires, Argentina)	Autophagy in Pancreatic Diseases

WEDNESDAY	
ONCOLOGY: TUMOR MICROENVIRONMENT	Title
Dean W. Felsher (Professor of Medicine (Oncology and of Pathology), Stanford University, USA)	MYC is a Global Regulator of the Host Immune Response
Romina Goldszmid (Inflammatory Cell Dynamics Section, Cancer and Inflammation Program, Center for Cancer Research, NCI, Bethesda, Maryland, USA)	On the role of the microbiota as a key modulator of the tumor microenvironment
Marianela Candolfi, Instituto de Investigaciones Biomédicas, INBIOMED (UBA-CONICET), Facultad de Medicina, Universidad de Buenos Aires	Blockade of FoxP3 improves the efficacy of antitumor vaccines in experimental breast cancer
Michael Karin (University of California, San Diego, USA)	Control of inflammation - driven liver tumorigenesis by adaptive immunity: a tug of war between immunosurveillance and immunosuppression
YOUNG RESEARCHERS IN PHYSIOLOGY, SAFIS 2017 AWARD	
ENDOCRINE SOCIETY JOINT SYMPOSIUM: INTEGRATING GENOMIC AND NONGENOMIC ACTION OF NUCLEAR RECEPTOR HORMONES IN PHYSIOLOGY AND PATHOLOGY	Title
Sandra Incerpi (Università Degli Studi Roma Tre, Roma, Italia)	Extranuclear effects of thyroid hormones and analogs at the plasma membrane level.
Richard Santen (Department of Medicine, Endocrinology and Metabolism, University of Virginia, USA)	Clinical syndromes of glucocorticoid hypersensitivity: glucocorticoid beta mutations and beyond.
John Cidlowski (Laboratory of Signal Transduction, National Institutes of Health (NIH), USA)	Cell type Specific Actions of Glucocorticoids in vivo: Lessons from genetically modified animals
Cecilia Proietti (Instituto de Biología y Medicina Experimental (IBYME), CONICET, Buenos Aires, Argentina)	Progesterone Receptor as a transcriptional repressor regulates breast cancer growth
MYSTERIES OF REPRODUCTION II	Title
Laura López Greco (Facultad de Ciencias Exactas y Naturales, UBA, Buenos Aires, Argentina)	Sex under the water: mysteries hidden by crustacean decapods
Mónica Martella (Instituto de Diversidad y Ecología Animal (IDEA), CONICET y Centro de Zoología Aplicada, Facultad de Ciencias Exactas Físicas y Naturales, UNC, Córdoba, Argentina)	The mating system of the Greater Rhea: role change and promiscuity
Ana Meikle (Universidad de la República del Uruguay, Sociedad Uruguaya de Biociencias, Uruguay)	Pregnancy or luteolysis in ruminants. Emphasis in nutrition.
Mariano Buffone (Instituto de Biología y Medicina Experimental (IBYME-CONICET), Buenos Aires, Argentina)	Such a pretty tail...Studying the sperm flagellum using high resolution microscopy

INFECTION AND IMMUNITY	Title
Jean P. Schatzmann-Peron (Instituto de Ciencias Biomédicas, Universidade de Sao Paulo. Sao Paulo, Brasil)	Zika Virus Congenital Syndrome in Experimental Models.
David Masopust (Center for Immunology, University of Minnesota. Minneapolis, Minnesota, USA)	Resident Memory T Cells
Elina Zuñiga (Division of Biological Sciences, University of California, San Diego, California, USA)	The art of co-existing: immune adaptations during chronic infections
Igor Almeida (University of Texas, El Paso, USA)	Glycan- and peptide-based vaccines protect against heart inflammation and parasite burden in the nonhuman primate model of Chagas disease
MYOCARDIUM: FROM SELF-PROTECTION TO REGENERATION	Title
Santiago Miriuka (Instituto FLENI, Buenos Aires, Argentina)	From a pluripotent stem cell to a cardiomyocyte: microRNAs and their isoMirs regulation
Martín Donato (Instituto de Fisiopatología Cardiovascular, Facultad de Medicina, UBA, Buenos Aires, Argentina)	Remote ischemic preconditioning: present knowledge, unanswered questions and future perspectives
Irene Ennis (Centro de Investigaciones Cardiovasculares Dr. Horacio Cingolani, CONICET, Universidad Nacional de La Plata (UNLP), La Plata, Buenos Aires, Argentina)	Exercise-induced cardioprotection: its protagonists
Paola Locatelli (Instituto de Medicina Traslacional, Trasplante y Bioingeniería (IMETTYB), CONICET, Universidad Favaloro, Buenos Aires, Argentina)	Adult cardiomyocyte cell cycle manipulation as cardio-regenerative strategy
BIOLOGY OF LIPIDS IN REGULATING CELL PHYSIOLOGY	Title
Tobias Walther (Genetics and Complex Diseases, Cell Biology HHMI Investigator, Harvard Medical School, USA. Thomas Weichhart, Center of Pathobiochemistry and Genetics, Medical University of Vienna. Austria)	The Phase of Fat: Mechanisms and Physiology of Lipid Storage
Elena Posse de Chaves (Pharmacology, University of Alberta, Canada)	A scientific journey from the brain to the retina led by isoprenoids and protein prenylation
Gabriela Gago (Instituto de Biología Molecular y Celular de Rosario (IBR), Rosario, Santa Fe, Argentina)	Deciphering mycobacterial lipid biosynthesis regulation
Mario E. Guido (Centro de Investigaciones Químicas y Biológicas de Córdoba (CIQUIBIC), CONICET, Córdoba, Argentina.	Metabolic rhythms persist in proliferative glioblastoma cancer cells with an altered circadian transcriptional clock
BIOPHYSICAL INSIGHTS INTO PROTEIN STRUCTURE, FUNCTION AND DYNAMICS	Title
Silvia Antollini (Instituto de investigaciones Bioquímicas de Bahía Blanca (INIBIBB), Universidad Nacional del Sur (UNS), CONICET, Bahía Blanca, Argentina.	The nicotinic acetylcholine receptor and its surrounding lipids: a long-standing relationship
Larisa Cybulski (Instituto de Biología Molecular y Celular, UNR, Rosario, Santa Fe, Argentina.	A Metastable H-bond Zipper transmit information across the cell membrane
Diego Ferreira (Departamento de Química Biológica, Facultad de Ciencias Exactas y Naturales, UBA, Buenos Aires, Argentina.	Structure, function and frustration in proteins: a conflicting origami
Gustavo Parisi (Universidad Nacional de Quilmes (UNQ). Buenos Aires, Argentina)	Conformational diversity analysis reveals three functional mechanisms in proteins
PLENARY SESSION NOVARTIS – CESAR MILSTEIN AWARD	

THURSDAY	
METABOLISM AND THE IMMUNE RESPONSE	Title
Simon C. Robson (Dana Farber/Harvard Cancer Center, Harvard University, Boston, Massachusetts, USA)	To be confirmed
Pedro M. Mendes de Moraes Vieira (Instituto de Biologia, Universidade Estadual de Campinas. Campinas, Brazil)	Macrophage Immunometabolism in Metabolic and Inflammatory Diseases
Thomas Weichhart. Center of Pathobiochemistry and Genetics, Institute of Medical Genetics, Medical University of Vienna, Vienna, Austria.	mTOR signalling in macrophages
Martín Rumbo (Instituto de Estudios Inmunológicos y Fisiopatológicos (IIFP), La Plata, Argentina)	Regulation of immune function by lactate and short chain fatty acids
HEPATOBILIARY PHYSIOLOGY. BREAKTHROUGHS AND NEW THERAPEUTICAL TARGETS	Title
Claudio Tiribelli (Director of the Liver Clinical and Research Center, Teaching Hospital, University of Trieste, and Italian Liver Foundation, Trieste, Italy)	Bilirubinomics 2017
Raúl Marinelli (Instituto de Fisiología Experimental (IFISE), CONICET, Universidad Nacional de Rosario (UNR), Rosario, Santa Fe, Argentina)	Therapeutic aquaporin gene transfer in hepatocellular cholestasis.
Gabriel Gondolesi (Universidad Favaloro, CONICET, Buenos Aires, Argentina)	Liver vascular physiology and its clinical application.
Guillermo Mazzolini (Universidad Austral, Prov. de Buenos Aires, Argentina)	The SPARC protein in liver disease. A novel therapeutic target?
METABOLIC SYNDROME: NOVEL KNOWLEDGE AND NEW CHALLENGES	Title
Marcela Vázquez Prieto (Instituto de Medicina y Biología Experimental de Cuyo (IMBECU), CONICET, Mendoza, Argentina)	Adipose tissue inflammation and metabolic syndrome: protective role of bioactive grape-derived compounds
Fernando Brites (Facultad de Farmacia y Bioquímica, UBA, Buenos Aires, Argentina.	Pro-atherogenic alterations in metabolic syndrome
Pablo Costanzo (Hospital Italiano de Buenos Aires, Buenos Aires, Argentina)	Metabolic syndrome and male hypoandrogenism
Carlos Reyes Toso (Facultad de Medicina, UBA, Buenos Aires, Argentina)	Effects of antioxidants administration in experimental metabolic syndrome
CURRENT TOPICS IN GPCR SIGNALING	Title
Rob Leurs (VU University Amsterdam, Netherlands)	Different chemical biology approaches towards modulation of GPCR signaling
Kjell Fuxe (Department of Neuroscience, Karolinska Institute, Sweden)	Allosteric receptor-receptor interactions in homo- and heteroreceptor complexes give a new dimension to molecular neuroscience and understanding learning and memory and brain disease
Roger K. Sunahara, Department of Pharmacology, University of California San Diego (USA)	Harnessing the plasticity of G protein-coupled receptors through allosteric regulation by G proteins, small molecules and cations

Michel Bouvier (Department of Biochemistry and Molecular Medicine, Faculty of Medicine and Institute for Research in Immunology and Cancer, Université de Montréal, Canada)	Molecular and structural determinants of GPCR functional selectivity and signal propagation
HOST-PARASITE INTERACTION	Title
Álvaro F. Acosta-Serrano (Liverpool School of Tropical Medicine, Parasitology and Vector Biology Department, USA)	Crossing borders without a visa: how do African trypanosomes colonise the tsetse fly vector?
Jesus Valenzuela (Laboratory of Malaria and Vector Research, National Institutes of Health (NIH), USA)	From Metacyclics to Retromonads: A new stage in <i>Leishmania</i> development within the sand fly midgut impacts vectorial capacity
Nisha Garg (Department of Microbiology and Immunology, University of Texas Medical Branch (UTMB), Galveston, TX, USA)	Multiple roles of mitochondria in inflammatory chagasic cardiomyopathy
Hakimi Mohamed-Ali : IAB – Institute for Advanced Biosciences, Université Grenoble Alpes, France)	<i>Toxoplasma gondii</i> molecular mimicry: from Immune evasion to parasite persistence
TRANSLATIONAL NEUROSCIENCE	Title
Kenneth Kosik (University of California, Santa Barbara, USA)	Tauopathies: Perspectives on an Emerging Pathobiology
Francisco Barrantes (Instituto de Investigaciones Biomédicas (BIOMED), Universidad Católica Argentina (UCA), CONICET, Buenos Aires, Argentina)	Synaptopathies: Pre-prodromic stages of neuropsychiatric disease?
Patricio O’Donnell (Harvard Medical School, Medical School, Boston, Massachusetts, USA)	Drug Discovery in Psychiatry: from genes to targets, circuits and patients
Jorge Medina (instituto de Neurociencia E. de Robertis, Facultad de Medicina, UBA, Buenos Aires, Argentina)	To be confirmed
GENOMIC INSTABILITY & DNA REPAIR: LESSONS FROM CANCER, NEURODEGENERATION AND AGING	Title
Tinna V. Stevnsner (Department of Molecular Biology and Genetics - Genome expression, stability and technology, Aarhus University, Aarhus, Denmark)	Regulation of base excision repair in the aging brain
Vanesa Gottifredi (Fundación Instituto Leloir, IIBBA/ CONICET, Buenos Aires, Argentina)	The nascent DNA; a signalling toolbelt that integrates multiple pathways in cells
Manuel Muñoz (IFIBYNE, CONICET, Argentina)	Major roles of pyrimidine dimers, nucleotide excision repair and ATR in the alternative splicing response to UV irradiation
Ricardo Gredilla (Departamento de Fisiología, Facultad de Medicina, Universidad Complutense de Madrid, Madrid, España)	Ovarian hormone deprivation and hormone replacement therapy effects on mitochondrial DNA repair processes in the brain
GADOR FOUNDATION AWARD	Title: Gastroenterology, Nutrition and Metabolism

FRIDAY
CHERNY AWARD
SATZ AWARD
CAMILIÓN DE HURTADO AWARD
SAFE’S AWARD