

SIMPOSIA

LX Annual Meeting of the Argentine Society for Biochemistry and Molecular Biology Research (SAIB)

Del 5 al 8 de noviembre de 2024
Pabellón Argentina de la UNC,
Ciudad de Córdoba, Argentina.



Microbiology Symposium

Dr. Diego O. Serra

Instituto de Biología Molecular y Celular de Rosario (IBR-CONICET).

“MICROBIAL WARFARE: MOLECULAR INSIGHTS INTO TARGETED INHIBITION AND DEFENSIVE ENHANCEMENT OF MATRIX COMPONENTS IN ATTACKED *E. coli* BIOFILMS”

Dr. Paola Scavone

Instituto de Investigaciones Biológicas Clemente Estable, Montevideo, Uruguay.

“DEVELOPMENT OF STATIC AND DYNAMIC IMAGING APPROACHES FOR BIOFILM ARCHITECTURE AND FUNCTION EVALUATION”

Dr. Marisa Gómez

Centro de Estudios Biomédicos, Básicos, Aplicados y Desarrollo (CEBBAD), Universidad Maimónides

“*Hylococcus aureus* ADAPTATION TO THE BONE MICROENVIRONMENT INVOLVES GENOTYPICAL AND PHENOTYPICAL CHANGES”

Lipids Symposium

Dr. Cecilia I. Casali

Instituto de Química y Fisicoquímica Biológicas (IQUFIB), UBA-CONICET

“CYCLOOXYGENASE 2 (COX2): THE GOOD AND THE EVIL”

Dr. Claudia Banchio

Instituto de Biología Molecular y Celular de Rosario (IBR-CONICET).

“PHOSPHATIDYLCHOLINE: A KEY INDUCER OF NEURONAL DIFFERENTIATION AND PLASTICITY UNDER STRESS CONDITIONS”

Dr. Claudio Bernal

Facultad de Bioquímica y Ciencias Biológicas, Universidad Nacional del Litoral.

“N-3 PUFA-RICH FUNCTIONAL LIPIDS: MECHANISMS OF ACTION IN THE PREVENTION OF MAFLD IN A MURINE MODEL”

Dr. Gwendolyn Barceló-Coblijn

Health Research Institute of the Balearic Islands (IdISBa), Palma, Balearic Islands, Spain.

“DETAILED IMMUNE LANDSCAPE ANALYSIS IN COLON CANCER THROUGH ADVANCED LIPIDOMICS: INSIGHTS FROM CIRCULATING IMMUNE CELLS TO TUMOR INFILTRATION”

Methodological advances Symposium

Dr. A. Chánique

Kura Biotech

“UPGRADING KURA’S PROTEIN ENGINEERING PLATFORM TO IMPROVE THE ACTIVITY OF TWO ENZYMES OF INDUSTRIAL INTEREST”

M.C. Marin

OneLab Solutions SA

“INNOVATIVE MICROBIAL AND CELLULAR CHARACTERIZATION SOLUTIONS: HARNESSING BIOLOG’S PREBIOM TECHNOLOGY FOR MICROBIOME RESEARCH”

Plants Symposium

Dr. Lazslo Szabados

Institute of Plant Biology, HUN-REN BRC, Szeged, Hungary

“REGULATORY GENES WHICH CONTROL RESPONSES TO DROUGHT AND SALINITY IN HIGHER PLANTS”.

Dr. Anabella Lodeyro

Instituto de Biología Molecular y Celular de Rosario (IBR-CONICET-UNR).

“REDESIGNING CHLOROPLAST ELECTRON TRANSPORT: IMPACTS ON STRESS TOLERANCE AND LEAF DEVELOPMENT”

Dr. Pablo Cerdán

Fundación Instituto Leloir, IIBBA-CONICET.

“MEDIATOR COMPLEX IN BALANCING GROWTH AND STRESS RESPONSES”

Dr. Carlos García Mata

Instituto de Investigaciones Biológicas, CONICET.

“EMERGING ROLE OF HYDROGEN SULFIDE (H₂S) AS A STOMATAL IMMUNITY MODULATOR”

Signal Transduction Symposium

Dr. Pablo H. Strobl-Mazzulla

Instituto Tecnológico de Chascomús (INTECH), CONICET-UNSAM.

“UNVEILING NEURAL CREST-PLACODE CONDENSATION DURING TRIGEMINAL GANGLION FORMATION: THE CRUCIAL ROLE OF MICRORNAS AND EXTRACELLULAR VESICLES”

Dr. María Fernanda Ledda

Instituto Leloir, Buenos Aires, Argentina.

“NEUROTROPHIN SIGNALING IN SENSORY NEURON DEVELOPMENT”

Dr. Pablo Wappner

Instituto Leloir, Buenos Aires, Argentina.

“AUTOPHAGY CONTROLS DIFFERENTIATION OF DROSOPHILA BLOOD CELLS BY REGULATING NOTCH LEVELS IN RESPONSE TO NUTRIENT AVAILABILITY”

Young Investigators I Symposium

Dr. Martiniano M. Ricardi

IFIBYNE-UBA-CONICET.

“A TYROSINE PHOSPHO-SWITCH WITHIN THE LONGIN DOMAIN OF VAMP721 MODULATES SNARE FUNCTIONALITY”

Dra. Jéssica Belén Flores Martín

Centro de Investigaciones en Bioquímica Clínica e Inmunología (CIBICI-CONICET).

“STARD7: BEYOND ITS ROLE OF A LIPID TRANSPORT PROTEIN”

Dr. Ignacio Lescano López

Unidad de Estudios Agropecuarios (UDEA-CONICET-INTA).

“AUTOPHAGY AND DEFENSE SIGNALING IN ARABIDOPSIS UNDER HIGH TEMPERATURES”

Dra. Valentina Salzman

Instituto de Fisiología, Biología Molecular y Neurociencias (IFIBYNE-CONICET).

“PLASMA MEMBRANE NANODOMAINS DISASSEMBLY INCREASES YEAST'S LIFESPAN”

Cell Biology Symposium

Dr. Cecilia Conde

Cellular and Molecular Neurobiology Department – INIMEC.

“SUPER-RESOLUTION REVEALS NEW ENDOSOMAL VESICLES IN NEURONS”

Dr. Lucas J. Sosa

Centro de Investigaciones en Química Biológica de Córdoba (CIQUIBIC-CONICET).

“TRISOMY PANEL OF APP DEPLETED IPSC CELL LINES SHOWS DISTINCTIVES PATTERN OF DIFFERENTIATION TO NEURONS”

Dr. Isabel Yuseff

Pontificia Universidad Católica de Chile. Santiago, Chile.

“MECHANOTRANSDUCTION BY B CELLS TUNES ANTIGEN EXTRACTION AND PRESENTATION BY COUPLING TUBULIN ACETYLATION TO LYSOSOME DYNAMICS”

Dr. Arlinet Kierbel

Instituto de Investigaciones Biotecnológicas (UNSAM-CONICET).

“PSEUDOMONAS AERUGINOSA-HOST CELLS INTERACTION: SWIMMING, TWITCHING, AND SNEAKY MOVES”

Molecular Biology of Cancer Symposium

Dr. Marianela Candolfi

Instituto de Investigaciones Biomédicas, Facultad de Medicina, Universidad de Buenos Aires.

“EXPLORING TUMOR INTRINSIC EFFECTS OF FOXP3 IN GLIOBLASTOMA”

Dr. Guillermo Agustín Videla Richardson

Laboratorio de Glicomedicina, IBYME-CONICET

Laboratorio de Investigación Aplicada a Neurociencias (LIAN), INEU-CONICET, FLENI.

“ROLE OF GALECTIN-1 IN PATIENT-DERIVED GLIOBLASTOMA MODELS”

Dr. Cesar G. Prucca

CIQUIBIC (UNC-CONICET).

“NEW APPROACHES FOR GLIOBLASTOMA TREATMENT USING PHOTODYNAMIC THERAPY”

Young Investigators II Symposium

Dr. María Mora Gonzalez López Ledesma

Fundación Instituto Leloir-IIBBA.

“BREAKING DOWN THE ANTIVIRAL EVASION STRATEGIES OF DENGUE VIRUS”

Dr. Cristian Pocognoni

Instituto de Histología y Embriología de Mendoza (IHEM), Universidad Nacional de Cuyo.

“STUDY OF NAPHTHOFLORESCEIN AS A NOVEL ANTIVIRAL AGAINST ZIKA VIRUS INFECTION”.

Dra. Constanza Feliziani

Instituto de Investigación Médica Mercedes y Martín Ferreyra, INIMEC.

“IVERMECTIN-INDUCED CYTOTOXICITY AND PROGRAMMED CELL DEATH IN *Giardia lamblia*: MECHANISMS AND THERAPEUTIC POTENTIAL”

Dra. Andrea Méndez

Instituto de Biología Molecular y Celular de Rosario.

“MANAGING METAL/REDOX HOMEOSTASIS AT THE *Salmonella* ENVELOPE: THE ROLE OF THE SCS SYSTEM OF THIOREDOXINS AND ITS IMPORTANCE FOR VIRULENCE”