

# PLENARY LECTURE

## 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.**



## **"IUBMB" Plenary Lecture**

Sala de las Américas

**Dr. Raphael Valdivia**

*Department of Integrative Immunobiology, Duke University School of Medicine, Durham, USA*

**"THE BIOLOGY OF THE EMERGING PROBIOTIC *Akkermansia muciniphila* IN THE GASTROINTESTINAL TRACT AND ITS IMPACT ON HUMAN HEALTH"**

Chairperson: Dr. Héctor Alex Saka

## **"Alberto Sols" Plenary Lecture**

Sala de las Américas

**Dr. Juan Hermoso**

*Department of Crystallography and Structural Biology. CSIC. Madrid. Spain*

**"BEYOND STRUCTURES: DECIPHERING THE REGULATORY INTERPLAY BETWEEN CELL-WALL DEGRADING MACHINERY AND BACTERIAL CELL DIVISION"**

Chairperson: Dr. Eduardo Ceccarelli

## **Plenary Lecture**

Sala de las Américas

**Dr. George O'Toole**

*Geisel School of Medicine at Dartmouth, USA*

**"TO BUILD A BIOFILM: POLYMICROBIAL COMMUNITIES IN CYSTIC FIBROSIS"**

Chairperson: Dr. Julieta Fernández

## **Plenary Lecture**

Sala de las Américas

**Dr. Gabriela Salvador**

*Instituto de Investigaciones Bioquímicas de Bahía Blanca (INIBIBB-CONICET) - Universidad Nacional del Sur (UNS)*

**"LIPID REWIRING IN NEURODEGENERATIVE PROCESSES"**

Chairperson: Dr. Ariel Quiroga

## **"Ranwel Caputto" Plenary Lecture**

Sala de las Américas

**Dr. María Fabiana Drincovich**

*Centro de Estudios Fotosintéticos y Bioquímicos (CEFOBI; CONICET - Universidad Nacional de Rosario).*

**"METABOLIC ENGINEERING OF MALATE LEVELS TO IMPROVE PLANT PERFORMANCE AND RESILIENCE IN A CHANGING CLIMATE"**

Chairperson: Dr. Paula Casati

## **“PABMB” Plenary Lecture**

Sala de las Américas

### **Dr. Hailing Jin**

*Center for Plant Cell Biology, Institute for Integrative Genome Biology, University of California, Riverside, Riverside, CA, USA.*

### **“CROSS-KINGDOM RNA COMMUNICATION”**

Chairperson: Dr. María E. Alvarez

## **Plenary Lecture**

Sala de las Américas

### **Dr. María Castro**

*Rogel Cancer Center, University of Michigan Medical School*

### **“MECHANISMS THAT LEAD TO REPROGRAMMING OF THE IMMUNE MICROENVIRONMENT IN MUTANT IDH1 GLIOMAS AND THEIR IMPACT ON IMMUNE MEDIATED THERAPIES”**

Chairperson: Dr. Mario Guido

## **Plenary Lecture**

Sala de las Américas

### **Dr. Juan Bonifacino**

*Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD), National Institutes of Health (NIH), Bethesda, Maryland, USA.*

### **“MECHANISMS OF AXON DYSFUNCTION IN LYSOSOME-TRANSPORT DISORDERS”**

Chairperson: Dr. Cecilia Alvarez