

# “ADVANCED COURSE IN TRANSLATIONAL IMMUNOLOGY”

## FOCIS GOES SOUTH III - JORNADAS DE INVIERNO SAI 2024



# PROGRAM



**Centro de Convenciones  
Edificio Sergio Karakachoff  
Universidad Nacional de La  
Plata.**

Access: 48 st. between 6 & 7st-  
2nd below ground level

**8.30 am  
Registration**



### MONDAY 6-5-2024

**2.30 pm: *TMEM176B as an intrinsic checkpoint of Th17 polarity in cancer immunotherapy*** - Marcelo Hill, FOCIS Center of Excellence Uruguay

**3.00 pm: *Whole tumor cell-based vaccines: Tuning the immune response*** - Flavio Salazar, FOCIS Center of Excellence, Chile

**3.30 pm: *Development of a Intranasal vaccine against SARS-CoV-2*** - Jorge Kalil, FOCIS Center of Excellence, Brazil.

**4.00 pm: *Discussion***

4.30-5.00 pm Coffee Break

**5.00 pm: *Immunoregulatory applications of the modulation of Natural Killer T cells*** - Leandro Carreño FOCIS Center of Excellence, Chile.

**5.30 pm: *Role of antiinflammatory immune responses in the control of disease caused by microbial pathogens*** - Susan Bueno, FOCIS Center of Excellence, Chile

**6.00 pm: *The long and winding road: current advances in translational glycoimmunology*** - Karina Mariño Focis Center of Excellence, Argentina

**6.30 pm: *Discussion***

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12.30-2.30 pm:  
LUNCHTIME

2



### MONDAY 6-5-2024

**8.45 am: OPENING SESSION. *Welcome from FOCIS Chairs and Organizers and Universidad Nacional de La Plata authorities***

- Alexis Kalergis, Universidad Católica de Chile, FOCIS Center of Excellence
- Guillermo Docena, IIFP, FOCIS Center of Excellence, Universidad Nacional de La Plata, Argentina
- Marcela Varela, Yvonne Madelon-Bernarda Ganem, BD Biosciences Latinamerica
- Mauricio Erben, Principal of Facultad de Ciencias Exactas
- Nicolás Rendtorff -Science and Technology Secretary, UNLP
- Martín Lopez Armengól, Universidad Nacional de La Plata President

**9.00 am: *Overview of the Immune System*** - Abul Abbas FOCIS Center of Excellence, USA

10.00-10.30 am Coffee Break

**10.30 am: *Innate Immunity*** - Abul Abbas FOCIS Center of Excellence, USA

**11.30 am: *Dendritic cells and antigen presentation*** - Abul Abbas - FOCIS Center of Excellence, USA



### TUESDAY 7-5-2024

**2.30 pm: *Chimeric Antigen receptor (CAR) T cells: an engineered living drug*** - Mónica Guzmán, FOCIS Center of Excellence USA

**3.00 pm: *Chronic inflammation of the male genital tract impairs fertility by decreasing sperm quality as well as altering female genital tract immunoregulation*** - Rubén Motrich Focis Center of Excellence, Argentina

**3.30 pm: *Immunosuppression and immunomodulation in abdominal organ transplantation*** - Martín Rumbo, FOCIS Center of Excellence, Argentina

**4.00 pm: *Discussion***

4.30-5.00 pm Coffee Break

**5.00 pm: *Dietary deficiency in soluble fiber and host genetics dictate the oncogenic potential of E. coli in colon carcinogenesis*** - Alberto Martin FOCIS Center of Excellence, Canada

**5.30 pm: *T weaking dendritic cell-herpes simplex virus interactions to improve herpetic skin disease outcome*** - Pablo González Focis Center of Excellence, Chile

**6.00 pm: *Vaccines for human & veterinary health - From academic research to technology transfer to the biotech industry*** - Alejandro Chabalgoity Focis Center of Excellence, Uruguay

**6.30 pm: *Discussion***

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13.00-2.30 pm:  
LUNCHTIME

4



### TUESDAY 7-5-2024

**8.30 am: *Activation and Regulation of T Cells*** - Abul Abbas (UCSF FOCIS Center of Excellence, USA)

**9.30 am: *Plenary Lecture: T Cell Tolerance*** - Abul Abbas FOCIS Center of Excellence, USA

10.30-11.00 am Coffee Break

**11.00 am: *Antibodies and vaccines*** - Abul Abbas FOCIS Center of Excellence, USA

**12.00 am: *Cancer immunotherapy*** - Abul Abbas FOCIS Center of Excellence, USA

#### CHAIRS



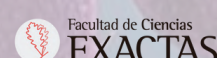
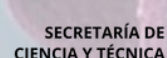
**GUILLERMO DOCENA  
ARGENTINA**



**ALEXIS KALERGIS  
CHILE**



**MARTÍN RUMBO  
ARGENTINA**



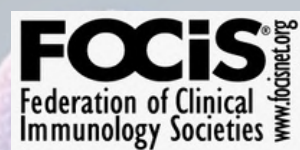
CONICET

CENTRO CENTROS TECNOLÓGICOS

<https://congresos.unlp.edu.arsaifocis2024/>

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### WEDNESDAY 8-5-2024

**2.00 pm: Nueva terapia para enfermedades inflamatorias bloqueando el eje IL-18. De la prueba de concepto a la aprobación regulatoria** - Eduardo Schiffrin A2BIO, Suiza (VIRTUAL)

**2.45 - 3.30 pm: POSTER PRESENTATIONS**

**3.30-4.00 pm Coffee Break**

**4.00 pm: Receptores Nucleares y su potencial inmunomodulador en enfermedades infecciosas crónicas** - Natalia Santucci, IDICER, Rosario

**4.30 pm: En búsqueda de estrategias para modular las interacciones entre el clon leucémico y el microambiente tumoral en Leucemia Linfocítica Crónica (LLC) de células B** - Mercedes Borge, IMEX, CABA

**5.00 pm: Modulación de la inflamación del tracto gastrointestinal por microorganismos y sus productos de fermentación** - Agustina Errea, IIFP, La Plata

**5.30 pm: Nanopartículas y sus potenciales usos terapéuticos** - Mauricio De Marzi, INEDES, Luján

**6.00 pm: CLOSING REMARKS from Sociedad Argentina de Inmunología Vicepresident - Ana Rosa Pérez**

**12.00-2.00 pm:  
LUNCHTIME**

### WEDNESDAY 8-5-2024

**9.00 am: OPENING SESSION. Welcome from Sociedad Argentina de Inmunología President- Martín Rumbo**

**9.15 am: Inmunosupresión por quimioterapia. Bacterias lácticas en la recuperación inmuno-mielopoyética e impacto en cáncer de mama.** - Susana Salva, CERELA - Tucumán

**9.45 am: Desarrollo de vacunas basadas en moléculas autoamplificantes contra Trypanosoma cruzi.** - Andrés Sánchez Alberti, IMPAM, CABA

**10.30-11.00 am Coffee Break**

**11.00 am: Hacia el primer tratamiento para SUH. Estudios clínicos de seguridad y farmacocinética de fragmentos F(ab')<sub>2</sub> neutralizantes de la toxina Shiga** - Yanina Hiriart, INMUNOVA-IIFP, La Plata

**11.30 am: Uso de técnicas multidimensionales para estudio de la respuesta inmune** - Nicolás Núñez, CIBICI, Córdoba

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### FRIDAY 10-5-2024

#### SATELLITE ACTIVITY

**9.00 am-12.00 pm: BD Panel Design Workshop.**

High parameter Flow cytometry opens new gates to biology understanding and brings new challenges for scientists allaround the globe. Reveal the critical points for an optimal panel design, which allows you to obtain the best information from the biology behind it.

Bob Balderas, María Bernarda Ganem, Paz Reyes, BD.



**Facultad de Ciencias Exactas, UNLP. Aula de Informática, 1er piso Edificio Abuelas de Plaza de Mayo.**  
Access 115 st & 50 st

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### THURSDAY 9-5-2024

**9.00 am: Spectral and conventional Flow Cytometry: bases and fundamentals** -Paz Reyes, BD

**10.00 am: High Performance Cell Sorting: yesterday and today** - María Bernarda Ganem, BD

**10.30-11.00 am Coffee Break**

**11.00 am: BD FACSDiscover S8: Real time Imaging Spectral Flow Sorting** - María Bernarda Ganem, BD

**12.00-2.00 LUNCHTIME**

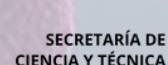
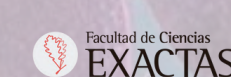
**2.00 pm: Defining deep biology with high-dimensional platform technologies** - Bob Balderas, BD

**3.00-3.30 am Coffee Break**

**3.30 pm: Data analysis: squeezing BD Flowjo™** - Paz Reyes, BD

**4.00 pm: The power choice: improving resolution and unveiling biology with spectral flow cytometry** - Bob Balderas, BD

**5.00 pm: CLOSING REMARKS from Alexis Kalergis, chair, Universidad Católica de Chile, FOCIS Center of Excellence**



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