

ORGANIZER-COORDINATOR:

Prof. Juan Pedro Bolaños

Professor of Biochemistry and Molecular Biology, University of Salamanca (Spain)

GENERAL INFORMATION:

Venue: Assembly Hall, Faculty of Pharmacy, University of Salamanca
C/ Lic. Méndez Nieto s/n, 37007 Salamanca (Spain)

Date: 29-30 June 2023

Registration: Before April 30
Number of attendees are limited to 50

€175 (SEBBM members)
€200 (Non-SEBBM members)

Abstract Submission:

Posters allowed and a selection of those will be upgraded to short talks

Registration and more information on the web:

[Link](#)



VNiVERSIDAD
D SALAMANCA



1st Severo Ochoa Conference

«Astrocyte-neuron metabolic coupling
in organismal (patho) physiology»



Conferencias

**Severo
Ochoa**

SEBBM · FCySO

Salamanca, 29-30 June 2023

Faculty of Pharmacy – University of Salamanca



Thursday 29th June 2023

12:30-13:30 Arrival, registration and posters installation

13:30-14:15 Lunch (standing)

Session 1

14:15-14:30 Welcome. [Juan P. Bolaños](#), [María Angeles Serrano](#), [Isabel Varela-Nieto](#)

14:30-15:00 [Juan P. Bolaños](#) (Salamanca, Spain) *Metabolic shapes of brain cells and functional consequences*

15:00-15:30 [Stefanie Schirmeier](#) (Dresden, Germany) *Metabolic flexibility of the nervous system*

15:30-16:00 [Gilles Bonvento](#) (Paris, France) *The other ANLS: astrocyte-to-neuron L-serine shuttle*

16:00-16:30 Coffee break at the poster area

Session 2

16:30-17:00 [Giovanni Marsicano](#) (Bordeaux, France) *Cannabinoid receptors in the brain: a link between metabolism and signaling?*

17:00-17:30 [Bruno Weber](#) (Zürich, Switzerland) *Towards quantitative in vivo imaging of cellular cerebral metabolism*

17:30-18:00 [Alberto Pascual](#) (Sevilla, Spain) *Microglia central metabolism in health and disease*

18:00-18:45 Poster flash 1 (8 presentations, 5 mins each, no discussion)

18:45-19:00 [Miriam Contreras](#) (Agilent Technologies Spain) *How to assess T cell metabolic profile and further develop effective T cell therapies by using Seahorse Analyzer*

19:00-20:00 Poster discussion

21:15 Dinner (Colegio Arzobispo Fonseca, C/ Fonseca, 4, 37002 Salamanca)

Friday 30th June 2023

Session 3

09:00 Arrival of poster flash presenters

09:15–10:00 Poster flash 2 (8 presentations, 5 mins each, no discussion)

10:00–10:30 [Gertrudis Perea](#) (Madrid, Spain) Dysfunctional astrocyte-neuron signaling in Major Depressive Disorder

10:30–11:00 [Guillermina Lopez-Bendito](#) (Alicante, Spain) *Patterns of Spontaneous Activity in the Development & Plasticity of Sensory Circuits*

11:00–11:30 Coffee break at the poster area

Session 4

11:30–12:00 [Cristina Garcia-Caceres](#) (Munich, Germany) *Hypothalamic astrocytes undergo a metabolic switch to control hunger neurons*

12:00–12:30 [Marc Claret](#) (Barcelona, Spain) *Glycogen metabolism drives sensory activation of POMC neurons*

12:30–13:00 [Ruben Nogueiras](#) (Santiago de Compostela, Spain) *Tanycytes: key players in the regulation of energy balance*

13:00–13:15 Closing remarks. [Juan P. Bolaños](#)

13:15–14:30 Lunch (standing) +departure

Sponsors:

