

**Satellite Events Proposal for the
18th National Meeting of the Spanish Society of Neuroscience (SENC)**

EVENT TITLE: 2nd Symposium of the Spanish Network for the Interaction between Computational and Cognitive Neuroscience (SINC²)

EVENT PROGRAM:

09:00-09:10 Welcome and presentation of the state of the network (MV. Puig)
09:10-10:30 Short contributed talks by SINC² members (4 20-min talks).
Moderator: A. Tauste
10:30-11:00 Coffee break
11:00-12:00 Plenary lecture (Dr. Juan Álvaro Gallego, CSIC Madrid)
12:00-13:20 Short contributed talks by SINC² members (3 20-min talks) + short talk by SINC²
travel awardee
Moderator: T. Gener
13:20-13:30 Event closing (A. Tauste)
13:30-15:00 Lunch, SENC Opening

PRELIMINARY SCHEDULE:

09:00-09:10 Welcome and presentation of the state of the network

09:10-09:30 The Dravet Syndrome SCN1A A1783V mouse model show temperature-dependent brain hyperexcitability that ultimately leads to heat induced seizures
Guillermo Besné, CIMA, Pamplona

09:30-09:50 Working memory in a two-alternate auditory task in mice
Tiffany Oña, IDIBAPS, Barcelona

09:50-10:10 Social dominance and familiarity modulate prosocial decision-making in rats
Michael Gachomba, UMH-CSIC, Alicante

10:10-10:30 Neural correlates of memory impairment and rescue in a mouse model of Down syndrome
Maria Alemany, IMIM, Barcelona

10:30-11:00 Coffee break

11:00-12:00 Plenary lecture: Neural manifolds for movement and learning
Juan Álvaro Gallego, CSIC, Madrid

12:00-12:20 The functional connectivity underlying the mouse caudate and putamen
Javier Alegre, UMH-CSIC, Alicante

- 12:20-12:40** Auditory evoked potentials to assess changes in gamma band activity induced by NMDA and GABA receptor modulators
Irene González-Burgos, CIMA, Pamplona
- 12:40-13:00** Finding useful network patterns as neural correlates of the execution of behavioral sequences during operant conditioning tasks
Raudel Sánchez, UPO, Sevilla
- 13:00-13:20** Talk by SINC2 travel awardee
- 13:20-13:30** Event closing
- 13:30-15:00** Lunch, SENC Opening