

XXVIII Congress of the Argentine Society for Research in Neuroscience

October 2013

Huerta Grande

Córdoba, Argentina



United Nations University

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October 2nd

9:00 Registration

9:45 Welcome by Organizers

10:00 A Tribute to Prof. Héctor Maldonado: Closure of the Symposium on Neuroethology and Memory / Opening Lectures of the XXVIII SAN Meeting

Conference on Neuroethology

Randolf Menzel, Freie Universität Berlin, Germany

Conference on Memory

Yadin Dudai, Weizmann Institute, Rehovot, Israel

12:30 Lunch

14:00 Young investigator symposium (20-min talks from senior postdocs and junior group leaders)

16:00 Coffee break and Poster session I

18:30 Symposium I : Sensation, perception and neural representation of the environment: olfaction as case study

Chairs: Alejandro Delorenzi, Fernando Locatelli (IFIByNE -UBA.CONICET)

- **Talk 1:** Distributed plasticity in the insect olfactory system: some conceptual problems and possible solutions. **Brian Smith**, School of Life Sciences, Arizona State University, USA
- **Talk 2:** The mechanisms of the olfactory code: How do animals recognize different odors, odor mixtures and concentrations? **Dr. Giovanni Galizia**, Zoology and Neurobiology, Universität Konstanz, Germany
- **Talk 3:** Encoding and processing of olfactory information in neural circuits. **Silke Sachse**, Max Planck Institute for Chemical Ecology, Jena, Germany
- **Talk 4:** The role of glial cells in development and axon guidance from olfactory epithelium to the olfactory bulb. **Lorena Rela**, Facultad de Medicina, Universidad de Buenos Aires

21:00 Dinner

Dinner activity: eat with the big shots!

Students and postdocs can sign up to share the table with lecturers and symposia speakers

23:00 Party

October 3rd

9:00 Symposium II: Information processing in cortical circuits

Chairs: Emilio Kropff, Antonia Marín-Burgin (Instituto Leloir, Buenos Aires)

- **Talk 1:** Modulation of activity by running speed in the circuits of the rat entorhinal cortex. **Emilio Kropff**, Instituto Leloir, Buenos Aires
- **Talk 2:** Computational analysis of entorhinal lamination. **Alessandro Treves**, International School for Advanced Studies, Trieste, Italy
- **Talk 3:** Spatial coding by horizontal and vertical circuits in the somatosensory cortex. **Hillel Adesnik**, University of California, Berkeley, USA
- **Talk 4:** TBA. **Dan Shulz**, Unit of Neuroscience Information and Complexity, CNRS. Gif-sur-Yvette, France.

11:30 Coffee break

12:00 Eduardo de Robertis Plenary Lecture in Neuroscience I

Lily Y. Jan, Univ. of California, San Francisco

13:00 Lunch

Lunch activity: eat with the big shots III!

Sign up to share the table with lecturers and symposia speakers

14.30 TBA

15:30 SAN Award to the Best Doctoral Thesis in Neuroscience 2013. 20-min presentation by awardee.

16:00 Short talks by graduate students (10-min talks selected from posters - two parallel thematic sessions)

17:30 Poster Session II and coffee break

20:00 Eduardo de Robertis Plenary Lecture in Neuroscience II

Yuh Nung Jan, Univ. of California, San Francisco

21:00 Dinner with big shots

22:30 SAN Business Meeting

October 4th

8:30 Symposium III: Axonal regeneration and remyelination: fact or fiction?

Chair: Patricia Setton (Dept Quím. Biológica, Fac. Farmacia y Bioquímica, UBA. IQUIFIB, UBA-CONICET)

- **Talk 1:** Schwann cell differentiation and dedifferentiation: neuron-glia signaling and therapeutic applications. **Paula Monje**, University of Miami Miller School of Medicine.
- **Talk 2:** The intimate relationship between glia and axons during degenerative and regenerative programs. **Felipe Court**, Facultad de Biología, Pontificia Universidad Católica de Chile
- **Talk 3:** Cellular therapies in neurological diseases. **Rosalía Mendez-Otero**, Instituto de Biofísica Carlos Chagas Filho, Universidade Federal do Rio de Janeiro, Brazil
- **Talk 4:** Notch signaling pathway in the demyelination-remyelination process of the central nervous system. **Ana Adamo**, Dept Quím. Biológica, Fac. Farmacia y Bioquímica, UBA. IQUIFIB, UBA-CONICET

11:00 Poster session III and coffee break

13:00 Ranwell Caputo Plenary Lecture

Marcelo Rubinstein, INGEBI-CONICET, Buenos Aires

14:00 Closing remarks by organizers and farewell barbecue

16:00 Meeting adjourns