



Advances in basic research on regulatory peptide physiology leading to accelerated translation to peptide-based human therapeutics

RegPep2018

PRINCESS

Mundo Imperial

Riviera Diamante, Acapulco, Mexico, September 22–25, 2018



Second announcement - updated February 28, 2018

Submit your abstract now!

Symposia:

- Abstract submission for contributed talks and travel awards: **March 15, 2018**
- Early registration: **March 15, 2018**

- S1. Clock mechanisms of mammalian SCN: From peptide to network interactions.** Chair: Raúl Aguilar-Roblero (Mexico City, Mexico)
- S2. Neuropeptide regulation of stress and its consequences.** Co-chairs: Greti Aguilera (Bethesda, Maryland, USA) and James P. Herman (Cincinnati, Ohio, USA)
- S3. Neuropeptides and social behavior.** Chair: Tallie Z. Baram (Irvine, USA)
- S4. Interaction of hypothalamic peptidergic circuits in the organization of physiology and behavior.** Chair: Ruud M. Buijs (Mexico City, Mexico)
- S5. Neuroendocrine peptide GPCRs: from function to therapeutic targets.** Co-chairs: Hélène Castel (Rouen, France) and Richard Leduc (Sherbrooke, Canada)
- S6. New insights in the hypothalamic regulation of energy metabolism by neuropeptides.** Co-chairs: Nicolas Chartrel (Rouen, France) and Carole Rovère (Valbonne, France)
- S7. The language of stress: neuropeptides and concerted CNS signaling.** Chair: Lee E. Eiden (Bethesda, USA)
- S8. Neuropeptide function in fear circuits.** Chair: Francesco Ferraguti (Innsbruck, Austria)
- S9. Presentation of self-peptides in the thymus: An essential event of life.** Chair: Vincent Geenen (Liege, Belgium)
- S10. Neuropeptides and neurodegeneration.** Co-Chairs: Illana Gozes (Tel Aviv, Israel) and Seiji Shioda (Tokyo, Japan)
- S11. Extrahypothalamic functions of magnocellular neurons: optogenetics, development and behavior.** Chair: Valery Grinevich (Heidelberg, Germany)
- S12. What's new with POMC, TRH, PRL and GH neuroendocrine actions.** Co-chairs: Patricia Joseph-Bravo (Cuernavaca, México) and Dave Grattan (Dunedin, New Zealand)
- S13. Drug design for the apelin receptor across diverse pathophysiological indications: Peptide drug development strategies from bench and clinic to approval.** Co-Chairs: Catherine Llorens-Cortes (Paris, France), Eric Marsault and Mannix Auger-Messier (Sherbrooke, Canada)
- S14. Contemporary approaches to studying peptidergic neurons.** Chair: Mike Ludwig (Edinburgh, UK)
- S15. Chromogranin- and other protein-derived bioactive peptides: cardiovascular, immune, endocrine and metabolic functions.** Chair: Sushil Mahata (San Diego, USA)
- S16. Neuropharmacology of vasopressin and oxytocin: physiology and behavior.** Chair: Maurice Manning (Ohio, USA)
- S17. Peptides and their receptors as oncotargets.** Chair: Terry Moody (Bethesda, USA)
- S18. Neuropeptides in inflammatory processes.** Chair: Erika Pintér (Pecs, Hungary)
- S19. Nesfatin-1: Update on a pleiotropic peptide.** Co-chairs: Andreas Stengel (Tübingen, Germany) and Yvette Taché (Los Angeles, USA)
- S20. Neuropeptides in headache, inflammation and neuroinflammatory pain: Basic science to clinical trials.** Chair: James A. Waschek (Los Angeles, USA)
- Y1. Young Investigator Symposium.** Co-chairs: Vito S. Hernández (Mexico City, México) and André Mecawi (Rio de Janeiro, Brazil)

For further details and updated information, please visit our website: <http://regpep2018.facmed.unam.mx> where now the program, as well as registration and hotel discount for RegPep2018 participants appear published.

Plenary speakers:

- Laura Bohn** (Scripps Institute, Florida, USA), 2018 Victor Mutt Awardee and Lecturer: *Refining opioid receptor signaling to improve the therapeutic index*
- Jean-Louis Charli** (IBT, UNAM, Mexico): *Peptide-degrading enzymes and the control of peptide action in vivo*
- Suzanne Dickson** (University of Gothenburg, Sweden): Impact of peripheral regulators of energy balance on the reward system.
- Gareth Leng** (University of Edinburgh, UK): *The heart of the brain: the hypothalamus and its hormones*
- Robert C. Malenka** (Stanford University, USA): *Oxytocinergic gating of social reward*
- Andrew V. Schally** (Department of Veterans Affairs and University of Miami, USA): *Hypothalamic hormones; from neuroendocrinology to therapy of cancer and other diseases and conditions*

Peptide Pioneers roundtable:

- C. Sue Carter:** (Indiana University, USA)
- Luis de Lecea:** (Stanford University, USA)
- José antunes Rodriguez:** (University of Sao Paulo, Brazil)
- Philip Lowry:** (University of Reading, UK)

Workshops:

- W1. How to improve peptide delivery for possible clinical application.** Chair: David Vaudry (Rouen, France)
- W2. Peptide-based drug discovery for CNS disorders: Avenues and barriers.** Chair: William Z. Potter (Bethesda, USA)
- W3. Meeting editors-in-chief:** TBA