



IBNS
International Behavioral
Neuroscience Society

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IBNS 27th Annual Meeting
June 27 – July 2, 2018
Boca Raton Resort, Florida, USA

Join the International Behavioral Neuroscience Society for the 27th Annual Meeting on June 27-July 2, 2018. Hear from the best in our various fields of study, network with scientists and researchers from all over the world, present your work, and visit Boca Raton, a unique city with a sparkling coastline.

Travel Award Applications due: **January 22, 2018**
Abstract Submissions due: **February 26, 2018**



Presidential Lecture
Gregory J. Quirk
University of Puerto Rico

*Prefrontal control of learned
fear and avoidance*



Keynote Speaker
Tracy L. Bale
University of Maryland

*Parental stress and epigenetic
programming of
neurodevelopment*



Keynote Speaker
Jill B. Becker
University of Michigan

*Sex differences in motivation
and addiction*



Keynote Speaker
Cheryl Sisk
Michigan State University

*Pubertal maturation of male
social behavior: Multi-tasking
by testosterone*

Accepted Symposia:

Neural circuit mechanisms of mouse behavior. Chair: Yi Zuo, University of California, Santa Cruz. Co-Chair: Ju Lu, University of California, Santa Cruz. Speakers: Yi Zuo, University of California, Santa Cruz; Philippe Mourrain, Stanford University School of Medicine; Hongdian Yang, University of California, Riverside; Ju Lu, University of California, Santa Cruz.

Environment and the epigenome: How experience contributes to psychiatric illness. Chair: Zackary A. Cope, University of California, San Diego. Co-Chair: Jared W. Young, University of California, San Diego. Speakers: Tallie Z. Baram, University of California, Irvine; Zackary A. Cope, University of California, San Diego; Fair Vassoler, Tufts University Cummings School of Veterinary Medicine; Francesca Telese, University of California, San Diego.

Mechanisms underlying memory consolidation and retrieval. Chair: Ryan Lalumiere, University of Iowa. Co-Chair: Janine Kwapis, University of California, Irvine. Speakers: Ryan Lalumiere, University of Iowa; Janine Kwapis, University of California, Irvine; Patrizia Campolongo, Sapienza University of Rome; Cristina Alberini, New York University.

Social transmission of information in mammals: Key insights from rodents and non-human primates. Chair: Aleksandra Vicentic, National Institute of Mental Health. Co-Chair: Anthony Noel Burgos-Robles, Massachusetts Institute of Technology. Speakers: Marie Monfils, University of Texas, Austin; Anthony Noel Burgos-Robles, Massachusetts Institute of Technology; Alexei Morozov, Virginia Tech Carilion School of Medicine; Katalin Gothard, University of Arizona.

Cingulate cortex: The who, what and how of cognitive control. Chair: Jill McGaughy, University of New Hampshire Durham, NH USA. Co-Chair: Emmanuel Procyk, Stem Cell and Brain Research Institute, University of Lyon, Lyon, France. Speakers: Jill McGaughy, University of New Hampshire Durham, NH USA; James Hyman, University of Nevada Las Vegas, Las Vegas, NV, USA; Emmanuel Procyk, Stem Cell and Brain Research Institute, University of Lyon, Lyon, France; Jerome Sallet, University of Oxford, Oxford, U.K.

More on back →

Accepted Symposia (continued)

- Corticotropin-releasing factor (CRF) modulation of cognition and motivation.** Chair: Sofiya Hupalo, University of Wisconsin, Madison. Co-Chair: Stan Floresco, University of British Columbia. Speakers: Rita Valentino, National Institute on Drug Abuse; Stan Floresco, University of British Columbia; Debra Bangasser, Temple University; Sofiya Hupalo, University of Wisconsin, Madison.
- Factors influencing replicability of behavioral neuroscience studies.** Chair: Polymnia Georgiou, University of Maryland School of Medicine. Co-Chair: Todd D. Gould, University of Maryland School of Medicine. Speakers: Jonathan Flint, Brain Research Institute, University of California Los Angeles; Abraham Palmer, University of California San Diego; Elissa J. Chesler/Molly Bogue, The Jackson Laboratory; Polymnia Georgiou, University of Maryland School of Medicine.
- Abnormal cortical asymmetry as a target for neuromodulation in neuropsychiatric disorders.** Chair: Randy Beck, Institute of Functional Neuroscience, Perth, Australia. Co-Chair: Rohit Shankar, University of Exeter Medical School, Exeter, United Kingdom. Speakers: Jon Laugharne, University of Western Australia School of Medicine, Perth, Australia; Richard Laugharne, University of Exeter Medical School, Exeter, UK; Randy Beck, Institute of Functional Neuroscience, Perth, Australia; Rohit Shankar, University of Exeter Medical School, Exeter, UK.
- Using genetic mouse models to understand the synapse in cognition and disease.** Chair: Elizabeth Manning, University of Pittsburgh. Co-Chair: Jess Nithianantharajah, The Florey Institute of Neuroscience and Mental Health. Speakers: Jess Nithianantharajah, The Florey Institute of Neuroscience and Mental Health; Jill Silverman, MIND Institute, UC Davis School of Medicine; Elizabeth Manning, University of Pittsburgh; Jonathan L. Brigman, University of New Mexico HSC.
- Reactivation-induced memory destabilization: A gateway to memory change with significant therapeutic implications.** Chair: Boyer Winters, University of Guelph. Speakers: Almut Hupbach, Lehigh University; Maria Pedreira, Universidad de Buenos Aires; Jonathan Lee, University of Birmingham; Boyer Winters, University of Guelph.
- Developmental and experiential factors influencing alcohol's effects on the brain.** Chair: Cheryl McCormick, Brock University. Speakers: Craig Bailey, Guelph University; Nicole Cameron, Binghamton University; Marina Marcolin, Brock University; Robert Gerlai, University of Toronto.
- Using schedules of partial reinforcement to test uncertainty effects in a learning diathesis model of anxiety vulnerability.** Chair: Todd Allen, University of Northern Colorado. Co-Chair: Justin Handy, Syracuse VA Medical Center. Speakers: Todd Allen, University of Northern Colorado; Justin Handy, Syracuse VA Medical Center; Daniel Miller, Carthage College; Richard Servatius, Syracuse VA Medical Center.
- Convergent mechanisms underlying rapid antidepressant behavioral actions.** Chair: Panos Zanos, University of Maryland, School of Medicine. Co-Chair: Todd D. Gould, University of Maryland, School of Medicine. Speakers: Panos Zanos, University of Maryland, School of Medicine; Eric Wohleb, University of Cincinnati; Joseph Moskal, Northwestern University; Stephanie Dulawa, University of California San Diego.
- Neurobiology of cannabinoid type 2 receptors.** Chair: Hiroki Ishiguro, University of Yamanashi. Co-Chair: Emmanuel Onaivi, William Paterson University. Speakers: Hiroki Ishiguro, University of Yamanashi; Ana Canseco-Alba, William Paterson University; Branden Sanabria, William Paterson University; Emmanuel Onaivi, William Paterson University.
- Associative brain mechanisms underlying adaptive and maladaptive behavior.** Chair: Donna Calu, University of Maryland School of Medicine. Speakers: Donna Calu, University of Maryland School of Medicine; Mihaela Iordanova, Concordia University; Jamie Peters, Medical University of South Carolina.
- What doesn't kill you makes you stronger! Exploring the biobehavioral mechanisms underlying resilience and adaptation to early-life adversity.** Chair: Susanne Brummelte, Wayne State University. Co-Chair: Amanda Kentner, MCPHS University. Speakers: Lauren O'Connell, Stanford University; Anand Gururajan, University College Cork; Amanda Kentner, MCPHS University; Susanne Brummelte, Wayne State University.
- Social neuroscience in rodents: Neural foundations and clinical implications.** Chair: Markus Wöhr, Philipps-University of Marburg. Co-Chair: Jill L. Silverman, University of California Davis. Speakers: Markus Wöhr, Philipps-University of Marburg; Heather Read, University of Connecticut at Storrs; Marijn Van Wingerden, Heinrich-Heine-University Dsseldorf; Yingying Han, Netherlands Institute for Neuroscience.
- Inflammation in psychiatric disorders: What we know and what is next.** Chair: Atsushi Kamiya, Johns Hopkins University School of Medicine. Co-Chair: Juliet Richetto, University of Zurich. Speakers: Georgia Hodes, Virginia Polytechnic Institute and State University; Atsushi Kamiya, Johns Hopkins University School of Medicine; Juliet Richetto, University of Zurich; Mikhail Pletnikov, Johns Hopkins University School of Medicine.
- Recent advances in clinical research with ayahuasca.** Chair: Bruno Lobao Soares, UFRN, Brazil. Co-Chair: Draulio Araujo, UFRN- Brazil. Speakers: Draulio Araujo, UFRN, Brazil; Nicole Coelho, UFRN, Brazil; IR-Sant Pau, Spain; Milan Scheidegger, Hefter Research Center, Zurich.
- The end of chronic stress, or is it?** Chair: Cheryl Conrad, Arizona State University. Speakers: J. Bryce Ortiz, University of Arizona; Cara Wellman, Indiana University; Jason Gray, The Rockefeller University; Chiye Aoki, New York University.
- Social environmental and genetic factors contributing to increased vulnerability to drug addiction.** Chair: Giovanni Biggio, University of Cagliari, Italy. Co-Chair: Enrico Sanna, University of Cagliari, Italy. Speakers: Roberto Ciccocioppo, University of Camerino, Italy; Jean Lud Cadet, NIH/NIDA IRP, USA; Giuseppe Talani, Inst Neuroscience, CNR, Italy.
- Nicotinic cholinergic signaling in neurological and psychiatric disorders: Insights from mouse models.** Chair: Vinay Parikh, Temple University, Philadelphia. Co-Chair: Jared W. Young, University of California at San Diego. Speakers: Evelyn Lambe, University of Toronto; Kelly T. Dineley, University of Texas Medical Branch; Samuel A. Barnes, University of California at San Diego; Vinay Parikh, Temple University, Philadelphia.
- The new kid on the block: Astrocytes in behavior and cognition.** Chair: Mikhail V. Pletnikov, Johns Hopkins University School of Medicine. Co-Chair: Kathryn J. Reissner, University of North Carolina at Chapel Hill. Speakers: Baljit S. Khakh, University of California, Los Angeles; Kathryn J. Reissner, University of North Carolina at Chapel Hill; Kiyofumi Yamada, Nagoya University Graduate School of Medicine; Chantelle Terrillion, Johns Hopkins University School of Medicine.
- Regulating fear memories.** Chair: Susan Sangha, Purdue University. Co-Chair: Maria Diehl, University of Puerto Rico. Speakers: Michael Drew, University of Texas, Austin; Maria Diehl, University of Puerto Rico; Susan Sangha, Purdue University; Hadley Bergstrom, Vassar College.
- Optimizing brain performance: Identifying mechanisms of adaptive neurobiological plasticity.** Chair: Kelly Lambert, University of Richmond. Speakers: Kelly Lambert, University of Richmond; Gerd Kempermann, German Center for Neurodegenerative Diseases (DZNE); Amelia Eisch, Children's Hospital of Philadelphia; Michael Merzenich, Posit Science.
- Disruptions of parental experiences: Neurobiological and behavioral effects in parental responsiveness and offspring development.** Chair: Molly Kent, University of Richmond. Speakers: Molly Kent, University of Richmond; Alison Bell, University of Illinois Urbana Champaign; Erica Gasper, University of Maryland; Elizabeth Byrnes, Tufts University.
- Invertebrate models of natural and drug-sensitive reward.** Chair: Moira van Staaden, Bowling Green State University. Co-Chair: Robert Huber, Bowling Green State University. Speakers: Jens Heberholz, University of Maryland, College Park; Eric Engleman, Indiana University School of Medicine Indianapolis; Bessie Orfanakos, University of South Carolina School of Medicine; Robert Huber, Bowling Green State University.
- Sensory processing and integration in neurodevelopmental disorders.** Chair: Susanne Schmid, University of Western Ontario. Co-Chair: Kaela Scott, University of Western Ontario. Speakers: Mark Wallace, Vanderbilt University; Brian Allman, University of Western Ontario; Gul Dolen, Johns Hopkins University; Andreas Frick, University of Bordeaux.



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We look forward to seeing you in Boca!