IBNS
International Behavioral Neuroscience Society

SAVE the DATE!

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.

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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, Heffter 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 Glasper, 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.

For more information, visit www.ibnsconnect.org

We look forward to seeing you in Boca!