

23rd RegPep confirmed speakers (in alphabetic order) * (1/4)

*on-site and virtual: final schedule to be published on 31 July 2021

Nicholas Betley (University of Pennsylvania, USA)

Peptidergic signaling in a hypothalamic to hindbrain circuit prioritizes hunger over pain

James Blevins (University of Washington, USA)

Use of oxytocin as a therapeutic strategy to treat obesity in diet-induced obese rodents and nonhuman primates

Geert van den Boogaart (Radboud University Medical Centre, The Netherlands)

Chromogranin A and its cleavage product Catestatin control gut immune homeostasis and microbial composition

Diego Bohorquez (Duke University, USA, 2020 Victor Mutt Lecturer)

A gut sense for calories

Corinne Bousquet (INSERM, France)

Somatostatin and somatostatin analog signaling to stromal cells in pancreatic cancer

Rosie Brown (Otago University, NZ)

Prolactin action in the medial preoptic area is necessary for postpartum maternal nursing behavior

Ruud Buijs (UNAM, México)

SCN: a responsive clock regulating homeostasis by daily changing the set points of physiological parameters

Hélène Castel (INSERM, France)

Biased signaling at the urotensin II receptor and its physiological consequences

Melissa Chee (Carleton University, Canada)

Melanin-concentrating hormone receptor 1-mediated control of locomotion

Xiaoke Chen (Stanford University, USA)

Thalamic control of opioid-associated memory

Tom Cunningham (UNT, USA)

The brain angiotensin system in neural circuits for hydromineral balance and cardiovascular /metabolic regulation

Margarita Currás-Collazo (UC Riverside, USA)

Hypothalamic gene expression dysregulation and the oxytocin system by diabetogenic soybean oil diets

Joanna Dabrowska (Rosalind Franklin University of Medicine and Science, USA) (?)

Oxytocin, fear memory and the bed nucleus of the stria terminalis

Geert De Vries (GSU, USA)

Sex differences in the brain seen from a whole-body perspective

Luis De Lecea (University of Stanford, USA)

Optogenetic control of neuromodulatory circuits in brain states

Árpád Dobolyi (Semmelweis University, Hungary)

Thalamo-hypothalamic pathways containing tuberoinfundibular peptide 39 promote social behavior

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Peter Duncan (University of Edinburgh, UK)

Corticotroph plasticity in stress: at the brain-endocrine interface

Lee E. Eiden (NIMH/NIH, USA)

VGLUT-VGAT co-expression in PACAP/PAC1 signaling delineates multisensory-cognitive-locomotor circuits

Carolina Escobar (UNAM, México)

The importance of circadian rhythms for metabolic health

Alastair Ferguson (Queen's University, Canada)

Circumventricular Organs as Sensors and Integrators of Circulating Signals Controlling Ingestive Behaviors

Francesco Ferraguti (Medical University of Innsbruck, Austria)

Cortical VIP-expressing Interneurons and the broadcasting of salience

William Giardino (Stanford University, USA)

Extended amygdala neuropeptide circuits driving arousal, affect, and addiction

Ki Goosens (Icahn School of Medicine at Mount Sinai, USA)

Ghrelin signaling in the brain and its effects in central stress circuits

Valery Grinevich (University of Heidelberg, Germany, plenary lecturer)

How does a single neuropeptide elicit pleiotropic behavioral and metabolic effects?

Andrew Gundlach (Florey Institute, Australia)

Brainstem nucleus Incertus, an example for brain stem modification of behavior?

Sung Han (Salk Institute, USA)

Divergent brainstem opioidergic pathways that mediate pain-breathing interaction

Rogelio Hernández-Pando (INNSZ, México)

neuroimmune activation during experimental pulmonary tuberculosis

Vito S. Hernández (UNAM, México)

Aging and GABAergic transmission in limbic system: role of testosterone and neuropeptides

Erik Hrabovszky (KOKI, Hungary)

The Kisspeptin system in reproduction and emotions

Rene Hurlemann (Car von Ossietzky University Oldenburg, Germany)

A novel therapeutic target for anxiety and posttraumatic stress disorders

Sunny Z. Jiang (NIMH/NIH, USA)

Behavioral significance of conditional ablation of PACAPergic projections from brain stem to amygdala

Scott Kanoski (USC, USA)

The role of melanin-concentrating hormone on appetitive processes

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Mary Lee (NIDA/NIAAA, NIH, USA)

Evidence of central signaling after systemic administration of oxytocin

Gareth Leng (University of Edinburgh, UK)

The vasopressin-memory hypothesis: a citation network analysis of a debate

Gil Levkowitz (Weizmann Institute, Israel)

Peptidergic modulation of stress response in zebrafish

Peng Li (The University of Michigan, USA)

The peptidergic control circuit for sighing

Jing Lu (Zhejiang University, China)

Changes of the hypocretin/orexin in schizophrenia

Mike Ludwig (University of Edinburgh, USA)

Vasopressin in olfactory and visual processing

Danilo Lustrino (Federal University of Sergipe, Brazil)

Anabolic and anti-catabolic effects of oxytocin on skeletal muscle protein metabolism

Sushil Mahata (UCSD, USA)

Regulation of immunometabolism by catestatin

Nina Marsh (Car von Ossietzky University Oldenburg, Germany)

The role of oxytocin in modulating empathic altruism within and between social groups

Andre S. Mecawi (Universidade Federal de São Paulo, Brazil)

Estrogen control of hypothalamo-neurohypophyseal gene expression and hormonal secretion

Bob Millar (University of Pretoria, South Africa)

Rescue of function of mutant human GPCRs in the HPG axis

Teresa Morales (UNAM, México)

Protective actions of prolactin in neurotoxin-hippocampal injury

Marisela Morales (NIDA/NIH, USA)

Fast and slow co-transmission in the modulatory system

Vitor Navarro (Harvard Medical School, USA)

Upstream neuropeptides in HPG axis pulse generation

Inga Neumann (University of Regensburg, Germany)

Interactions of oxytocin and the HPA axis

Emily Noble (University of Georgia, USA)

Central oxytocin in social and reward-based feeding

Pawel Olszewski (University of Waikato, New Zealand)

Oxytocin as a pharmacological tool to regulate meal size

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Luis Paiva (Universidad Austral de Chile, Chile)

Insulin signaling on oxytocin neurons

Matthew Paul (University at Buffalo, SUNY, USA)

Social development and vasopressin

Andrés Quintanar-Stephano (Universidad de Aguascalientes, México)

The role of vasopressin as an immunoregulatory hormone

Valentina Sabino (Boston University School of Medicine, USA)

Neuropeptides and Anxiety: Actions of CRH and PACAP in Central Amygdala

Carmen Sandi (Brain and Mind Institute, EPFL, Switzerland, plenary speaker)

Neural circuits linking stress, anxiety, and motivation

Patrick Sexton (Monash University, Australia)

Mechanisms of signaling in G protein-coupled receptors

Eva C. Soto (UNAM, México)

Liver- brain axis underlies circadian anti-inflammatory reflex

Dick Swaab (Netherlands Institute for Neuroscience, The Netherlands, plenary speaker)

Sexual differentiation of the human brain

Yoichi Ueta (University of Occupational and Environmental Health, Japan)

Transgenic approaches to reveal physiological role of central vasopressin system

Alexa Veenema (Michigan State University, USA)

Sex differences in the juvenile and adult vasopressin system in the regulation of social behavior

Xiao-dong Wang (Zhejiang University, China)

Tactile modulation of memory and anxiety requires dentate granule cells along the dorsoventral Axis

Wenqin Xu (NIMH/NIH, USA)

GLP-1 receptor signaling to ERK through NCS-Rapgef2: a Neuroendocrine-specific MAPK pathway

Chun-Xia Yi (Netherlands Institute for Neuroscience, the Netherlands)

Hypothalamic neuron-glia interaction in metabolic disorders

Dora Zelena (Hungarian Academy of Sciences, Hungary)

Vasopressin and sociability in autism and schizophrenia

Mario A. Zetter (UNAM, México)

Neuropeptide role in microglial synaptic pruning during early life stress

Limei Zhang (UNAM, México)

New vista of Calyx of Held-like synapse telencephalic cognitive centers made by long-range glutamate-peptidergic axon from rat hindbrain