

## 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*

## 23rd RegPep confirmed speakers (in alphabetic order) \* (2/4)

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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*

**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*

**Mary Lee (NIDA/NIAAA, NIH, USA)**

*Evidence of central signaling after systemic administration of oxytocin*

## 23rd RegPep confirmed speakers (in alphabetic order) \* (3/4)

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**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*

**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*

**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*

**Luis Paiva (Universidad Austral de Chile, Chile)**

*Insulin signaling on oxytocin neurons*

**Matthew Paul (University at Buffalo, SUNY, USA)**

*Social development and vasopressin*

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

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**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-glial 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-peptitergic axon from rat hindbrain*