



Poster Session 1

Saturday May 18th

Poster Number	Presenter Name	Poster Title
1	Ismail Ahmed	Optical Control of Oxytocin Signalling
2	Dario Aspesi	Deletion of the arginine-vasopressin 1a receptor impairs sexual and maternal behavior in female syrian hamsters
3	Cihan Atila	Oxytocin, not vasopressin, mediates high incidence of MDMA-induced hyponatremia - a complication preventable by fluid restriction
4	Alexis Black	Oxytocin receptor null mutation delays peer social bonding and impacts oxytocin release dynamics in female prairie voles
5	Sarah Blumenthal	Consoling disrupted by selective inhibition of oxytocin receptor expressing neurons in the anterior cingulate cortex of prairie voles
6	Elba Campos Lira	Impaired oxytocin signaling in the central amygdala in rats with chronic heart failure
7	Sarah Couture	Revealing the linkage between dehydration and fertility using an RNAseq approach
8	Victor Duque	Single nucleus rna sequencing reveals heterogeneity of magnocellular neurons in the rat supraoptic nucleus and their response to water deprivation
9	Khalid El Saafien	Crosstalk amongst oxytocin and vasopressin synthesizing neurons of the paraventricular nucleus of the hypothalamus increases blood pressure in mice
10	Sara Freeman	Spatial analysis of oxytocin receptor mRNA expression in the human brain in psychiatric conditions: association with autism and schizophrenia
11	Sara Freeman	Investigating the oxytocin and vasopressin systems in the biological basis of canid pair bonding: establishing coyotes as a model organism
12	Caitlin Friesen	The effects of sex and social experience on vasopressin 1a receptor distribution in the social brain of mice
13	Francesca Galbiati	Sex-dependent increases in peripheral oxytocin levels in response to intravenous kisspeptin in healthy humans
14	Francesca Galbiati	A randomized controlled trial of intranasal oxytocin for obesity
15	Kiran George	Robust grk2/3/6-dependent desensitization and internalization of oxytocin receptor in neurons
16	Sara Guedez Suarez	Amplifying vasopressin in a sexually differentiated circuit leads to alteration in social and emotional behavior
17	Kirk Haan	Oh-synap! The role of synaptotagmin 11 in osmoregulation
18	Delenn Hartswick	Behavioral and structural phenotypes of novel vasopressin 1a receptor cre-driver and conditional knockout mouse strains
19	Himeka Hayashi	Juvenile pleasant sensations facilitate attachment formation with human hands via oxytocin receptors in the rat hypothalamus
20	Taylor Hinton	Generational influence of parenting
21	Hu Hiroe	Exploring plasma copeptin levels in patients with mood disorders with and without suicidal history
22	Ayumu Inutsuka	Variability in expression patterns of the oxytocin receptor in the cerebellum
23	Freddy Jeanneteau	What causes social fears in autism spectrum disorders?
24	Dominique Johnson	Oxytocin receptor expressing neurons utilize piezo2 to mediate the baroreflex in female mice

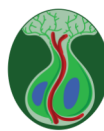


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25	Daniel Khosravinezhad	Vasopressin signaling impacts functional responses in human fungiform taste bud cells
26	Matt Kirchner	Compartmentalized Ca^{2+} dynamics shape intrinsic excitability and somatodendritic release in vasopressin neurons
27	Simona Kobrinsky	Cytoskeletal regulation of vasopressin neurons in health and salt-dependent hypertension
28	Elena Kozlova	Thyroid dependent disruption of oxytocin and gut microbiome in an environmental autism mouse model
29	Hannah Lamont	Oxytocin signalling in the ventromedial hypothalamus as mechanistic link between social isolation and glucose homeostasis
30	Celeste Laporte	ΔN -TRPV1 regulates cytoskeletal organization and cell morphology in magnocellular vasopressin neurons
31	Franziska Lechner	Oxytocin receptor signaling in ventromedial hypothalamic (VMH) neurons governs glucose homeostasis via controlling endogenous glucose production by the liver.
32	Nikki Lee	Variation in neuropeptide receptor density across dispersal and by sex in belding's ground squirrels
33	Gil Levkowitz	Oxytocin may facilitate its own peripheral uptake by regulating blood flow dynamics
34	Mike Ludwig	Salt-loading reduces central osmoresponsiveness in magnocellular supraoptic neurones in vivo
35	Gustavo Magalhaes Moreira	L-name model of preeclampsia in mice: neuroendocrine, metabolic and locomotor adaptations

Poster Session 2

Sunday May 19th

Poster Number	Presenter Name	Poster Title
1	Elena Kozlova	Maternal <i>L. reuteri</i> rescues offspring ASD-like behavior and thyroid hormone target transcripts in oxytocin neurons in an environmental mouse model of autism
2	Steffy Manjila	Characterization of oxytocin receptor expressing neurons in the endopiriform nucleus: a novel area for shifting gears from surveillance to novelty
3	Amy Mann	Using multivariate classification methods to study the effect of intranasal oxytocin on salience processing of social and non-social stimuli
4	Amy Mann	The oxytocin system in craniopharyngioma: a systematic review
5	John Marendes Jr.	Effect of oxytocin on hyperalgesia in alcohol-dependent rats
6	Daniel Martins	Dichotomic effects of intranasal oxytocin on amygdala's responses during anticipation and perception of pain in women
7	Daniel Martins	Convergent suppressive effects of intranasal oxytocin on hypothalamic responses during palatable tasting in women with and without compulsive eating
8	Jessica Matheus de Sa	The role of oxytocin and vasopressin synthesizing neurons of the paraventricular nucleus of the hypothalamus in stress-induced hypertension



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9	Simone Meddle	Tickling of rats does not replicate juvenile social play with regards to the involvement of central oxytocin and vasopressin systems
10	Kazunari Miyamichi	Neural circuit remodeling into oxytocin neurons facilitates pregnancy-associated hyperphagia in female mice
11	Julie O'Reilly	Central mechanisms underlying traumatic brain injury-induced hyponatremia in mice
12	Takuya Osakada	A dedicated oxytocin signaling in the hypothalamus modulates social avoidance learning in male and female mice
13	Emma Page	Transcriptional diversity of the oxytocin receptor in the prairie vole
14	Camilla Paolini	Oxytocin promotes blood-brain barrier formation in a mouse model of autism spectrum disorder and schizophrenia
15	Siyao Peng	Quantification of oxytocin neurons in the rodent brain using shield tissue clearing and lightsheet microscopy
16	Michael Perkinson	Oxytocin neuron activity in freely behaving, lactating mice
17	Erin Ramos	Cortical and subcortical oxytocinergic functions may be mediated by distinct release modes of the peptide
18	Nicole Rigney	Neural connectivity of oxytocin receptor-expressing neurons in the nucleus accumbens and their role in social attachment in prairie voles
19	James Rilling	Grandmotherhood is associated with reduced oxtr dna methylation
20	Noreen Rossi	V _{1B} vasopressin receptor antagonism ameliorates cardiovascular parameters in ovariectomized female rats subjected to chronic mild unpredictable stress
21	Ranjan Roy	In vivo determination of the direction of blood flow in the newly discovered scn-ovlt vascular portal system in rat
22	Alice Sanson	Oxytocin system activity in the nucleus accumbens shell drives maternal aggression and is altered by local crf infusion
23	Nicholas Schappagh	Properties of V1aR-expressing cells within the social decision-making neural network
24	Karen Scott	Chronic activation of vagal sensory neurons that express oxytocin receptors decreases food intake and body weight in male mice
25	Soaleha Shams	Reduced stimulation of oxytocin neurons in zebrafish following complete social isolation
26	Alayna Shoenfelt	Effects of chronic intranasal oxytocin on visual attention to faces vs natural scenes in older adults
27	Levi Shook	Investigating the role of local acidosis in hypothalamic vasopressin cell excitation in the context of salt-evoked inverse neurovascular coupling responses
28	Prerana Shrestha	Stress-induced anxiety precipitated by genetic disruption of tsc in oxytocin-responsive cells
29	Yoichi Ueta	Chemogenetic activation of oxytocin neurons improves pain in a reserpine-induced fibromyalgia rat model
30	Lars Westberg	The role of oxytocin in the development of social preference in zebrafish



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31	Kylie Wright	Unravelling the interplay between stress, inflammation, and methylation of the oxytocin receptor gene in aging
32	Joshua Wyrosdic	Central mechanisms underlying mdma induced hyponatremia in rats
33	Kasane Yaguchi	Dynamic modulation of pulsatile activities of oxytocin neurons during lactation
34	Masahide Yoshida	Dual actions of oxytocin receptor-expressing neurons in the ventromedial hypothalamus in social coping behaviors
35	Akar Zaw	Competing vasopressinergic projections to lateral hypothalamic hypocretin cells
36	Shang Lin (Tommy) Lee	Oxytocin receptor genetic variation influences the social vigilance of female prairie voles