
Event Agenda

International Behavioral Neuroscience Society Annual Meeting

Tuesday, June 23, 2026

2:00 PM - 3:00 PM	Registration Open
3:30 PM - 5:30 PM	Council Meeting - By Invitation Only Location: Meeting Room 02
5:30 PM - 6:30 PM	Registration Open
5:30 PM - 6:30 PM	Trainee Social Location: Umami - CC Hotel Urban Square
6:30 PM - 7:30 PM	Opening Reception Location: Business Lounge - Conference Centre Level 1
7:30 PM - 9:00 PM	Dinner on Your Own

Wednesday, June 24, 2026

7:00 AM - 8:00 AM	Breakfast at Hotel
8:30 AM - 9:30 AM	Presidential Keynote - Circuits of Emotion Recognition Location: Hall A Speaker: Francesco Papaleo ; Introduction: Markus Fendt
9:30 AM - 10:00 AM	Break Location: Foyer
10:00 AM - 12:00 PM	Dopamine's role in teaching, tuning and tempting decisions Location: Hall A Chair & Speaker: Melissa Sharpe ; Co-Chair & Speaker: Karly Turner ; Speakers: Ivy Hoang, Vijay Namboodiri Interrogating Impulsive Behaviour Using Dopamine Transients 10:00 AM - 10:30 AM Speaker: Karly Turner Methamphetamine Potentiates the Use of Outcome-Specific Associations Via a Hypothalamic-Dopamine Circuit 10:30 AM - 11:00 AM Speaker: Ivy Hoang Distinct Dopamine Circuits Encode Unique Neural Signatures for Learning 11:00 AM - 11:30 AM Speaker: Melissa Sharpe Mesolimbic Dopamine Release and Causal Learning 11:30 AM - 12:00 PM Speaker: Vijay Namboodiri

10:00 AM - 12:00 PM

Shaping the Brain: Impact of Early-Life Insults on Lifelong Plasticity and Behavior

Location: Hall B
Chair: Derya Sargin ; Speakers: Catia Teixeira, Anne Wheeler, Olivia O'Neill, Christoph Anacker

Early Life Stress and Prefrontal Cortex Activity Modulate Cognitive Performance in Adulthood

10:00 AM - 10:30 AM
Speaker: Catia Teixeira

Altered White Matter Development After Concussion Linked to Anxious Behaviors in Children and Mice

10:30 AM - 11:00 AM
Speaker: Anne Wheeler

Chronic Adolescent Stress Remodels Stress-Responsive Connectivity and Socioemotional Behaviors in Adulthood

11:00 AM - 11:30 AM
Speaker: Olivia O'Neill

Ventral Hippocampus Hyperactivity Mediates Early Adversity Effects on Stress Sensitivity and Fear Behavior

11:30 AM - 12:00 PM
Speaker: Christoph Anacker

10:00 AM - 12:00 PM

Gonadal hormones and brain health: A complicated long-distance relationship

Location: Hall C
Chair & Speaker: Karyn Frick ; Speakers: Liisa Galea, Farida Sohrabji, Elena Choleris

Beyond One-Size-Fits-All: Unraveling the Heterogeneity of Menopause in Brain Aging

10:00 AM - 10:30 AM
Speaker: Liisa Galea

Divergent effects of ovariectomy on stroke outcomes in normally-cycling young females and older acyclic females

10:30 AM - 11:00 AM
Speaker: Farida Sohrabji

Interactions Between Gonadal- and Brain-Synthesized Hormones Impact Memory and Neural Function in Both Sexes

11:00 AM - 11:30 AM
Speaker: Karyn Frick

Mechanisms Underlying the Rapid Regulation of Social and Non-Social Cognition by Estrogens And Androgens in the Male and Female Brain

11:30 AM - 12:00 PM
Speaker: Elena Choleris

12:00 PM - 12:30 PM

E & T Workshop Lunch Line

Location: Foyer

12:30 PM - 1:30 PM

Education and Training Workshop: Publishing Do's and Don'ts

Location: Hall A
Moderator: Lisa Maeng, Chad Smies ; Panelist: Tiffany Donaldson, Jared Young, Mihaela Iordanova, Lucy Centrone

1:30 PM - 1:45 PM

Break

Location: Foyer

1:45 PM - 3:15 PM

Travel Award Blitz

Location: Hall A

Neurobehavioral Effects of Constant Light Exposure and the Protective Role of Nanocurcumin in Adolescent Mice: Preliminary Findings from an Ongoing Study

1:45 PM - 1:49 PM
Speaker: Kehinde Adeniji

Behavioral and Brain Structural Outcomes Following Exposure to Different Juvenile Stressors in Male and Female Mice

1:49 PM - 1:53 PM
Speaker: Leticia Barilli

Ventral hippocampus supports habitual behavior through amygdalo-striatal connections

1:53 PM - 1:57 PM
Speaker: Janhavi Bhalerao

Tuning Social Salience: Noradrenergic FKBP5 Control of Locus Coeruleus-Amygdala Stress Circuits

1:57 PM - 2:01 PM
Speaker: Joeri Bordes

Epistemic Trust as a Window into the Allostatic Function of Oxytocin: A Synthesis of Rodent and Human Studies

2:01 PM - 2:05 PM
Speaker: Samuel Budniok

MicroRNA-29a as a Potential Biomarker of the Depressive-Like Phenotype and Response to Ketamine Treatment

2:05 PM - 2:09 PM
Speaker: Lucas da Silva

Sp4 Hypomorphic Mice Exhibit Reduced Sensitivity to the Pro-Social Effects of MDMA

2:09 PM - 2:13 PM
Speaker: Tyler Dexter

Influence of Lactobacillus Rhamnosus on Anxiety and Fear Mechanisms in Male and Female Rats

2:13 PM - 2:17 PM
Speaker: Cassandra Hartsgrove

Effect of Resveratrol on Social Instability Stress-Induced Depression-Like Behaviours in Female Wistar Rats: Gut Microbiome, Endocrine, Neurotrophin, and Neurotransmitter Pathways

2:17 PM - 2:21 PM
Speaker: Hidaayah Jimoh-Abdulghaffaar

The Role of Controllability in Aversive Learning

2:21 PM - 2:25 PM
Speaker: Luke Keevers

Novel Protocol to Assess Postpartum Motivation for Pups

2:25 PM - 2:29 PM
Speaker: Sydney Ku

Tau-Driven Aggression in an Alzheimer's Disease Mouse Model: Locus Coeruleus Dysfunction as a Mechanistic Substrate

2:29 PM - 2:33 PM
Speaker: Nicolas Landgraf

Cadm2 Variation Impacts Cue Approach Behaviour, Stimulus Discrimination and Phasic Dopamine Release in the Medial Prefrontal Cortex

2:33 PM - 2:37 PM
Speaker: Kendra Loedige

Relationships Between Phenotypic Differences in Punishment Behaviour and Prefrontal Cortex Network Engagement

2:37 PM - 2:41 PM
Speaker: Min Lou

Ventral Pallidal Cells Balance Approach and Avoidance Conflict

2:41 PM - 2:45 PM
Speaker: Cristina María Ríos

Validation of the Tube Test for Long-Term Assessment of Social Hierarchy Stability in Mice

2:45 PM - 2:49 PM
Speaker: Leticia Morgan

Long-Range Amygdala-Prefrontal Engram Projection Supports Remote Fear Retrieval

2:49 PM - 2:53 PM
Speaker: Ashutosh Patel

Investigating the Interface Between Epigenetics and Metabolism Underlying Memory Formation in the Adult and Aging Brain

2:53 PM - 2:57 PM
Speaker: Joseph Picone

Somatopsychic Divergence: Sex-Dependent Nociceptive and Affective Responses to Neuropathic Pain Severity in a Rat Model of Sciatic Nerve Injury

2:57 PM - 3:01 PM
Speaker: Soroush Saberi

Studying Rat Social Behavior in a Seminatural Environment: Exploring the Effects of Playback of Socio-Affective Ultrasonic Vocalizations

3:01 PM - 3:05 PM
Speaker: Fábio Sousa

Deep Brain Stimulation of the Nucleus Accumbens Modulates Effort-Based Decision Making and Phasic Dopamine Release in Male Wistar Rats

3:05 PM - 3:09 PM
Speaker: Roger Varela

3:15 PM - 3:30 PM

Break

Location: Foyer

3:30 PM - 5:30 PM

Acetylcholine and dopamine jointly shape learning

Location: Hall A

Chair: Balázs Hangya ; Co-Chair & Speaker: Bálint Király ; Speakers: Yang Yang, Qiaojie Xiong, Moshe Parnas

Distinct Activity Patterns and Involvements of Tail Striatal D1 and D2 Spiny Projection Neurons During Auditory Learning

3:30 PM - 4:00 PM

Speaker: Qiaojie Xiong

Voltage Dependence of the Cholinergic Muscarinic GPCR Allows for Both Efficient and Yet Specific Learning and Memory in Drosophila

4:00 PM - 4:30 PM

Speaker: Moshe Parnas

Synergy and Antagonism of the Cholinergic and Dopaminergic Systems During Associative Learning

4:30 PM - 5:00 PM

Speaker: Bálint Király

Modality-Specific Blocking and Latent Learning Mediated by Basal Forebrain Cholinergic Neurons

5:00 PM - 5:30 PM

Speaker: Yang Yang

3:30 PM - 5:30 PM

Two decades of spontaneous behavioral persistence in deer mice: A model system for understanding the psychobiology of dysfunctional goal-directed processes

Location: Hall B

Chair & Speaker: De Wet Wolmarans ; Co-Chair & Speaker: Anna Happel ; Speakers: Christine Lochner, JP Strydom, Harry Marx, Ricardo Pekelharing, Christian Lourens

From Repetition to Compulsion: Translational Phenomenology Linking Deer Mouse Behaviour to Human Compulsivity

3:30 PM - 4:00 PM

Speaker: Christine Lochner

Goal-Directed Repetition in Deer Mice: Fingerprinting the Psychobiology of Behavioural Persistence

4:00 PM - 4:30 PM

Speaker: De Wet Wolmarans

Gut Microbiome and Immune Pathways in a Naturalistic Model of Compulsive-Like Behaviour

4:30 PM - 5:00 PM

Speaker: Anna Happel

Hepatic Metabolism as a Potential Modulator of Gut-Brain Signalling in Deer Mice

5:00 PM - 5:05 PM

Speaker: JP Strydom

Alcohol, Genes, and the Brain: Using the Deer Mouse to Explore the Impact of Perinatal Alcohol Consumption on Long-Term Development

5:05 PM - 5:10 PM

Speaker: Harry Marx

Towards Novel Mechanisms Underlying Rigidity: The Endocannabinoid System

5:10 PM - 5:15 PM

Speaker: Ricardo Pekelharing

Probing the Impulsive-Compulsive Spectrum in Deer Mice

5:15 PM - 5:20 PM

Speaker: Christian Lourens

Q&A

5:20 PM - 5:30 PM

3:30 PM - 5:30 PM

Limbic and Basal Ganglia Circuits in Cognition and Social Behavior

Location: Hall C

Chair & Speaker: Gina Quirarte ; Co-Chair & Speaker: Claudio Da Cunha ; Speakers: Alexis Faure, Tanja Jovanovic

Striatum–Basolateral Amygdala Interactions in Memory Consolidation

3:30 PM - 4:00 PM

Speaker: Gina Quirarte

The Role of the Basal Ganglia in Drug Addiction – GABA-A Positive Modulators as Putative Treatment for Stimulant Use Disorders

4:00 PM - 4:30 PM

Speaker: Claudio Da Cunha

Amygdala Volume as a Risk and Resiliency Factor for Post-Traumatic Stress Disorder (PTSD) Symptoms in Trauma-Exposed Children

4:30 PM - 5:00 PM

Speaker: Tanja Jovanovic

How Does Prefrontal Neuromodulation Support Social Cognition in Mice?

5:00 PM - 5:30 PM

Speaker: Alexis Faure

5:30 PM - 6:30 PM

Meet the Professionals

Location: Hall A

Thursday, June 25, 2026

7:00 AM - 8:00 AM

Breakfast at Hotel

8:30 AM - 9:30 AM

Keynote Lecture - Predicting Addiction Vulnerability

Location: Hall A

Speaker: Christian Lüscher ; Introduction: Claudio Da Cunha

9:30 AM - 10:00 AM

Break

Location: Foyer

10:00 AM - 12:00 PM

Poster Session I

Location: Hall D

1. IBNS Ethics & Diversity Committee

10:00 AM - 12:00 PM

2. A novel thermal conflict task to investigate approach-avoidance behavior following suppression of neurogenesis

10:00 AM - 12:00 PM

Speaker: Adam Swiercz

3. Oxytocin and vasopressin interact with the brain reward system to regulate social play behavior sex-specifically in juvenile rats

10:00 AM - 12:00 PM

Speaker: Alexa Veenema

4. Effects of sarcosine on cognitive flexibility and working memory in mice under circadian rhythm disruption

10:00 AM - 12:00 PM

Speaker: Alina Kühn

5. Fecal IL-6 as a Biomarker of Early Emotional Regulation in 3-Month-Old Infants: Implications for Developmental Neuroimmune Programming

10:00 AM - 12:00 PM

Speaker: Alline Campos

6. Modelling chronic fatigue in female BALB/c mice: Impact of stress, autonomic dysregulation, and immune activation

10:00 AM - 12:00 PM

Speaker: Andre Swanepoel

7. Comparison between different early life stress models and their effects on neurodevelopment

10:00 AM - 12:00 PM

Speaker: Andrea Martinez

8. The rapid effects of brain-synthesized estrogens in the bed nucleus of the stria terminalis (BNST) on short-term social recognition memory in male mice

10:00 AM - 12:00 PM

Speaker: Elena Choleris

9. Upstream projections to the dorsal peduncular cortex modulate anxiety-like and fear behavior

10:00 AM - 12:00 PM

Speaker: Anna Canella

10. Exploring early cardiovascular disease risk in a genetically validated rodent model of depression

10:00 AM - 12:00 PM

Speaker: Ashleigh Whitney

11. Stimulation of noradrenergic locus coeruleus cells drives new learning in a stimulus-dependent manner

10:00 AM - 12:00 PM

Speaker: Ashleigh Brink

12. Long-range amygdala-prefrontal engram projection supports remote fear retrieval

10:00 AM - 12:00 PM

Speaker: Ashutosh Patel

13. Anxiety in Alzheimer's disease: Involvement of the human nucleus incertus and relaxin-3 signaling?

10:00 AM - 12:00 PM

Speaker: Camila de Avila

14. Influence of Lactobacillus rhamnosus on anxiety and fear mechanisms in male and female rats

10:00 AM - 12:00 PM

Speaker: Cassandra Hartsgrove

15. The effects of aging on fear-related behavior in male mice

10:00 AM - 12:00 PM

Speaker: Chad Smies

16. Novel selective dopamine D4 receptor ligands reveal state-dependent modulation of risky decision-making

10:00 AM - 12:00 PM

Speaker: Rachel Navarra

17. Sex specific effects of developmental Δ^9 -tetrahydrocannabinol (THC) exposure in rats on amygdala circuitry and social behaviors

10:00 AM - 12:00 PM

Speaker: Christie Dionisos

18. Ventral pallidal cells balance approach and avoidance conflict

10:00 AM - 12:00 PM

Speaker: Cristina María Ríos

19. Divergent control of social interaction and feeding by neurotensin and somatostatin neurons in the lateral septum

10:00 AM - 12:00 PM

Speaker: Dávid Keller

20. Increased stress-sensitivity in Ndufs4 heterozygous mice: a behavioural screening

10:00 AM - 12:00 PM

Speaker: Daniël Van Rensburg

21. TBD

10:00 AM - 12:00 PM

22. Environmental enrichment preserves retrosplenial parvalbumin density and cognitive function in female 5xFAD mice

10:00 AM - 12:00 PM

Speaker: Dylan Terstege

23. Impact of AETA peptide on social cognition and calcium dynamics in the prefrontal cortex

10:00 AM - 12:00 PM

Speaker: Eglantine Allain

24. Effect of Resveratrol on Social Instability Stress-Induced Depression-Like Behaviours in Female Wistar Rats: Gut Microbiome, Endocrine, Neurotrophin, and Neurotransmitter Pathways

10:00 AM - 12:00 PM

Speaker: Hidaayah Jimoh-Abdulghaffaar

25. Leveraging expert and lived experience of mental ill health perspectives to traverse the research translational gap

10:00 AM - 12:00 PM

Speaker: Elizabeth Manning

26. Studying rat social behavior in a seminatural environment: Exploring the effects of playback of socio-affective ultrasonic vocalizations

10:00 AM - 12:00 PM

Speaker: Fábio Sousa

27. Systemic Everolimus does not block the incubation of methamphetamine-craving: A dose-response study

10:00 AM - 12:00 PM

Speaker: Fernando Cano

28. Dorsal peduncular cortex microcircuit modulation of fear and anxiety-like behaviors

10:00 AM - 12:00 PM

Speaker: Francesca Violi

29. Neuronal ensembles in the orbitofrontal cortex are critical for cognitive flexibility

10:00 AM - 12:00 PM

Speaker: Franziska Gareis

30. Physiological Consequences of Prolonged Social Isolation in a Simulated Flight to Mars: Evidence from the Mars-500 Mission

10:00 AM - 12:00 PM

Speaker: Gerlinde Metz

31. MK-801 modulates performance in the rodent continuous performance test (rCPT) by altering physical engagement with the task

10:00 AM - 12:00 PM

Speaker: Gregory Carr

32. Developmental recruitment of medial prefrontal cortex to amygdala pathway by fear learning

10:00 AM - 12:00 PM

Speaker: Hanista Premachandran

33. Natural, but not paced, breathing couples with self-initiated action

10:00 AM - 12:00 PM

Speaker: Hiroshi Shibata

34. Oxytocin receptor-coupled Gi signaling in the lateral septum drives reversal of trauma-induced social fear in mice

10:00 AM - 12:00 PM

Speaker: Inga Neumann

35. Cell type-specific regulation of sleep/wake homeostasis by neuropeptide-defined subpopulations of the bed nucleus of stria terminalis

10:00 AM - 12:00 PM

Speaker: Ivy Hoang

36. TBD

10:00 AM - 12:00 PM

37. Effects of Insular Neuromodulation on Chronic Pain Perception

10:00 AM - 12:00 PM

Speaker: Jamie Bushman

38. Ventral hippocampus supports habitual behavior through amygdalo-striatal connections

10:00 AM - 12:00 PM

Speaker: Janhavi Bhalerao

39. The Role of Endothelial Caveolin-1 in Brain Maturation, vascular morphology and threat response

10:00 AM - 12:00 PM

Speaker: Jerome Badaut

40. Tuning Social Salience: Noradrenergic FKBP5 Control of Locus Coeruleus-Amygdala Stress Circuits

10:00 AM - 12:00 PM

Speaker: Joeri Bordes

41. Retrosplenial Cortex Parvalbumin Interneuron as A Key Modulator in Memory Encoding

10:00 AM - 12:00 PM

Speaker: Jonathan Epp

42. Investigating the interface between epigenetics and metabolism underlying memory formation in the adult and aging brain

10:00 AM - 12:00 PM

Speaker: Joseph Picone

43. Evidence that calcium-dependent signaling through CaMKII within the prelimbic cortex gates the magnitude of incubated craving in rats

10:00 AM - 12:00 PM

Speaker: Karen Szumlinski

12:00 PM - 12:30 PM

E & D Workshop Lunch Line

Location: Foyer

12:30 PM - 1:30 PM

E&D Workshop: Effective and Inclusive Mentoring

Location: Hall A

1:30 PM - 2:30 PM

Bench-To-Bedside Lecture: Encoding Stress: Genetic, Epigenetic, and Microbial Underpinnings in PTSD

Location: Hall A

Speaker: Sian Hemmings

2:30 PM - 4:30 PM

Neural Dysregulation Following Early Life Insults: Mechanisms and Interventions

Location: Hall B

Chair & Speaker: Lindsay Halladay ; Speakers: Miriam Melis, Sergio Iñiguez, Amelia Cuarenta

Deconstructing the Role of Prenatal Endocannabinoid Signaling in Dopamine Developmental Trajectories

2:30 PM - 3:00 PM

Speaker: Miriam Melis

Long-term behavioral consequences of early-life threat exposure

2:30 PM - 4:30 PM

Speaker: Amelia Cuarenta

Early Life Adversity Alters Social Motivation Through Dysfunction in BNST Efferents

3:00 PM - 3:30 PM

Speaker: Lindsay Halladay

Vicarious Defeat Stress: A Preclinical Model for the Study of Psychological Stress-Induced Depression-Related Behavior in Juvenile Mice

3:30 PM - 4:00 PM

Speaker: Sergio Iñiguez

2:30 PM - 4:30 PM

Oxytocin and Dopamine in Reward-Based Decision-Making

Location: Hall A

Chair & Speaker: Virginie Rappeneau ; Speakers: Samuel Budniok, Sylvie Granon, Johnathan Borland

Neuronal Circuits Mediating Choice Between Social Interaction and Food Reward in Mice

2:30 PM - 2:55 PM

Speaker: Virginie Rappeneau

Epistemic Trust as a Window into the Allostatic Function of Oxytocin: A Synthesis of Rodent and Human Studies

2:55 PM - 3:20 PM

Speaker: Samuel Budniok

Oxytocin and Dopamine Regulation of Reward for Social Interactions in Male and Female Syrian Hamsters

3:20 PM - 3:45 PM

Speaker: Johnathan Borland

Plasticity of Brain Neurotransmission and Decision Strategies After Regular Consumption of Sweetened Beverage in Adolescence

3:45 PM - 4:10 PM

Speaker: Sylvie Granon

Panel Discussion

4:10 PM - 4:30 PM

2:30 PM - 4:30 PM

The Science of Human Connection: Neural Synchrony, Network Dynamics, and Public Health

Location: Hall C

Chair & Speaker: Andreane Lavallee ; Co-Chair & Speaker: Dani Dumitriu ; Speakers: Julianne Holt-Lunstad, Quentin Moreau

Human Connection Across the Lifespan: Implications for Health and Well-Being

2:30 PM - 3:00 PM

Speaker: Julianne Holt-Lunstad

Toward an Interactive Understanding of Social Cognition

3:00 PM - 3:30 PM

Speaker: Quentin Moreau

Mother-infant interactional synchrony across the first 3 years of life: How it associates with child socio-emotional outcomes and how to promote it

3:30 PM - 4:00 PM

Speaker: Andreane Lavallee

Social connection as a preventative strategy for mental health symptomatology in young adults: Preliminary evidence from the 'Possibilities Festivals'

4:00 PM - 4:30 PM

Speaker: Dani Dumitriu

4:30 PM - 5:00 PM

Break

Location: Foyer

5:00 PM - 7:00 PM

Ethological Behavioural Neuroscience: Bringing Nature Back to the Laboratory

Location: Hall A

Chair & Speaker: Kelly Lambert ; Speakers: Joeri Bordes, Jean-Nicolas Audet, Molly Kent

From the Bush to the Bedside: Rewilding Neuroscience with Lessons from Wild Rats, Raccoons, and Mouse Lemurs

5:00 PM - 5:30 PM

Speaker: Kelly Lambert

The Neurobiology of Behavior in Fish: From the Wild to the Lab and Back Again

5:30 PM - 6:00 PM

Speaker: Molly Kent

Early Life Stress-Induced Social Behavioral Alterations are Mediated by Insular Cortex Activity

6:00 PM - 6:30 PM

Speaker: Joeri Bordes

Neuroecology of Avian Innovation

6:30 PM - 7:00 PM

Speaker: Jean-Nicolas Audet

5:00 PM - 7:00 PM

Building Resilience: Multiscale Perspectives on Stress Adaptation

Location: Hall B

Chair & Speaker: Gürsel Caliskan ; Co-Chair & Speaker: Sara Enrile Lacalle ; Speakers: Anne Albrecht, Yasushi Kiyokawa

Mechanisms of Stress Resilience Mediated by Neuropeptide Y

5:00 PM - 5:30 PM

Speaker: Anne Albrecht

Windows of Vulnerability: Reversible Limbic Circuit Instability and Anxiety Emergence

5:30 PM - 6:00 PM

Speaker: Gürsel Caliskan

Amygdala Hyperactivity as a Pathway to Impaired Stress Adaptation: Insights from Two Mice Models

6:00 PM - 6:30 PM

Speaker: Sara Enrile Lacalle

Social Buffering as a Potential Mechanism of Stress Adaptation

6:30 PM - 7:00 PM

Speaker: Yasushi Kiyokawa

5:00 PM - 7:00 PM

Deconstructing Stressor-Induced Amotivation and Reward Dysfunction Across Species: Translational Insights from Rodents to Humans

Location: Hall C

Chair: Rachel Navarra ; Co-Chair & Speaker: Jared Young ; Speakers: Millie Rincón-Cortés, Johann Faustus du Hoffmann, Dani Dumitriu

Impact of Maternal Resource Scarcity on Reward-Related Behavior and Mesolimbic Dopamine System Function in the Rat Dam and Offspring

5:00 PM - 5:30 PM

Speaker: Millie Rincón-Cortés

Microdoses of Psychedelic 2,5-Dimethoxy-4-Propylamphetamine (DOPR) Attenuate Depression-Relevant Deficits

5:30 PM - 6:00 PM

Speaker: Jared Young

Effort, Timing and Choice: A Refined Rodent Effort Choice Task with Excellent Sensitivity to Dopamine Modulators

6:00 PM - 6:30 PM

Speaker: Johann Faustus du Hoffmann

The Development of the COVID-19 Generation: Lessons Learned from a Generation Born in Duress

6:30 PM - 7:00 PM

Speaker: Dani Dumitriu

7:00 PM - 10:00 PM

Dinner on Your Own

7:30 PM - 11:00 PM

LGBTQIA2S+ Networking Session (Optional)

Friday, June 26, 2026

7:00 AM - 8:00 AM

Breakfast at Hotel

8:30 AM - 9:30 AM

Keynote Lecture - Neural Mechanisms Underlying the Protective Effect of Social Support

Location: Hall A

Speaker: Dayu Lin ; Introduction: Alexa Veenema

9:30 AM - 10:00 AM

Outstanding Achievement Award: Going for it: Challenging Imposter Syndrome Everyday!

Location: Hall A

Speaker: Jared Young

10:00 AM - 10:30 AM

Early Career Achievement Award - Tracing Social Development Through Ultrasonic Vocalizations: From Early Vulnerability to Behavioural Outcomes

Location: Hall A

Speaker: Theresa Kisko

10:30 AM - 11:00 AM

Break

Location: Foyer

11:00 AM - 1:00 PM

Poster Session II

Location: Hall D

44. Neurobehavioral effects of constant light exposure and the protective role of nanocurcumin in adolescent mice: Preliminary findings from an ongoing study

11:00 AM - 1:00 PM

Speaker: Kehinde Adeniji

45. Cadm2 Variation Impacts Cue Approach Behaviour, Stimulus Discrimination and Phasic Dopamine Release in the Medial Prefrontal Cortex

11:00 AM - 1:00 PM

Speaker: Kendra Loedige

46. Cortical Thickness and Cognitive Changes Following Second-Language Learning in Older Adults

11:00 AM - 1:00 PM

Speaker: Ladan Ghazi Saidi

48. Validation of the tube test for long-term assessment of social hierarchy stability in mice

11:00 AM - 1:00 PM

Speaker: Leticia Morgan

49. Behavioral and Brain Structural Outcomes Following Exposure to Different Juvenile Stressors in Male and Female Mice

11:00 AM - 1:00 PM

Speaker: Leticia Barilli

50. Projections from the orbitofrontal cortex to the secondary motor cortex drive action flexibility

11:00 AM - 1:00 PM

Speaker: Lisette Bahena

51. MicroRNA-29a as a potential biomarker of the depressive-like phenotype and response to ketamine treatment

11:00 AM - 1:00 PM

Speaker: Lucas da Silva

52. The role of controllability in aversive learning

11:00 AM - 1:00 PM

Speaker: Luke Keevers

53. Role of hypocretin/orexin neurons in social behavior and social stress

11:00 AM - 1:00 PM

Speaker: Matt Dawson

54. Behavioral response of zebrafish to high-intensity trauma and contextual reminder with/without pharmacological intervention

11:00 AM - 1:00 PM

Speaker: Mduduzi Gumbo

55. TBD

11:00 AM - 1:00 PM

56. Relationships between phenotypic differences in punishment behaviour and prefrontal cortex network engagement

11:00 AM - 1:00 PM

Speaker: Min Lou

57. Stress Inoculation Employing Mild Intermittent Social Stress Fosters Resilience Traits in Rats

11:00 AM - 1:00 PM

Speaker: Minh Pham

58. Vitamin D₃ and vitamin A mitigate anhedonia and motivational deficits while preserving mesocorticolimbic integrity in a mouse model of dopaminergic system dysfunction

11:00 AM - 1:00 PM

Speaker: Mujittapha Umar

59. Effects of prior experience on social aggression are dependent on adult hippocampal neurogenesis

11:00 AM - 1:00 PM

Speaker: Mumeko Tsuda

60. Tau-Driven Aggression in an Alzheimer's Disease Mouse Model: Locus Coeruleus Dysfunction as a Mechanistic Substrate

11:00 AM - 1:00 PM

Speaker: Nicolas Landgraf

61. Behavioural approaches to investigate hippocampus-like structures in the lizard *Anolis carolinensis*

11:00 AM - 1:00 PM

Speaker: Niels Röhrdanz

62. Sex-specific ventral hippocampal regulation of reward seeking and avoidance decisions under temporally imminent threat

11:00 AM - 1:00 PM

Speaker: Norman Ross Stewart

63. Emotional blunting in rats: Lack of serotonin in the brain causes reduction in socio-affective ultrasonic calling across emotional valences

11:00 AM - 1:00 PM

Speaker: Parnian Saberi

64. Hybrid Cannabidiol-Loaded Nanoparticles Prevent Behavioral Alterations in Zebrafish Model of Neurodevelopment Disorders

11:00 AM - 1:00 PM

Speaker: Pedro Lirio

65. Neuronal communication subspaces emerge during top-down guided visual selection across the fronto-striatal network

11:00 AM - 1:00 PM

Speaker: Peter Poggi

66. Reinforcement sensitivity phenotypes interact with antidepressant treatment outcomes and stress-induced hedonic deficits in humans and rats

11:00 AM - 1:00 PM

Speaker: Rafal Rygula

67. Deep Brain Stimulation of the Nucleus Accumbens Modulates Effort-Based Decision Making and Phasic Dopamine Release in Male Wistar Rats

11:00 AM - 1:00 PM

Speaker: Roger Varela

68. Mechanisms Underlying Estrogens' Rapid Facilitative Effects on Social Recognition in the Medial Amygdala of Female Mice.

11:00 AM - 1:00 PM

Speaker: Elena Choleris

69. Rapid estrogenic effects in the medial prefrontal cortex on short-term social and son-social memory in male mice

11:00 AM - 1:00 PM

Speaker: Elena Choleris

70. Domain-specific and state-dependent effects of the GluN2A-selective positive allosteric modulator GNE-5729 on executive functions

11:00 AM - 1:00 PM

Speaker: Samia Afzal

71. Epistemic trust as a window into the allostatic function of oxytocin: A synthesis of rodent and human studies

11:00 AM - 1:00 PM

Speaker: Samuel Budniok

72. Serotonin converts mating history into behavioural strategy

11:00 AM - 1:00 PM

Speaker: Sevval Demirci

73. Environmental Modulation of Daily Physical Activity Patterns and Monoaminergic Adaptation in Rats

11:00 AM - 1:00 PM

Speaker: Shinya Yanagita

74. Balancing early adversity and maternal support: influences of corticosterone exposure and increased maternal care on offspring endocrine profiles and behavioral outcomes

11:00 AM - 1:00 PM

Speaker: Sien Verelst

75. Somatopsychic divergence: Sex-dependent nociceptive and affective responses to neuropathic pain severity in a rat model of sciatic nerve injury

11:00 AM - 1:00 PM

Speaker: Soroush Saberi

76. Investigating primate specific mechanisms of cognitive decline across the lifespan in marmosets with genetic risk for Alzheimer's disease

11:00 AM - 1:00 PM

Speaker: Stacey Sukoff Rizzo

77. Novel Protocol to Assess Postpartum Motivation for Pups

11:00 AM - 1:00 PM

Speaker: Sydney Ku

78. Whole-brain effects of psychedelics on stress-cued and heroin seeking behaviors

11:00 AM - 1:00 PM

Speaker: Megan Francis

79. Thalamo-accumbal pathways underlying social buffering of conditioned fear responses in rats

11:00 AM - 1:00 PM

Speaker: Takumi Yamasaki

80. Mechanisms of memory consolidation in Drosophila melanogaster

11:00 AM - 1:00 PM

Speaker: Tania Fernández-d.V. Alquicira

81. Probabilistic strategy set-shifting in rats: a single-session, pharmacologically sensitive task for assessing cognitive flexibility

11:00 AM - 1:00 PM

Speaker: Tegan Knott

82. Sex-specific behavioural alterations across adolescence following maternal immune activation and estrogen receptor modulation

11:00 AM - 1:00 PM

Speaker: Tertia Purves-Tyson

83. Monitoring In-Brain Cocaine Concentrations during Self-Administration

11:00 AM - 1:00 PM

Speaker: Tod Kippin

84. Sp4 hypomorphic mice exhibit reduced sensitivity to the pro-social effects of MDMA

11:00 AM - 1:00 PM

Speaker: Tyler Dexter

85. Oxytocin neurotransmission in the nucleus accumbens mediates social isolation-induced anxiety-like behaviors in the socially monogamous female prairie vole

11:00 AM - 1:00 PM

Speaker: Yan Liu

	86. Pharmacological analysis of the neuromodulatory systems underlying stress identification in male rats 11:00 AM - 1:00 PM Speaker: Yasushi Kiyokawa
1:00 PM - 2:00 PM	Lunch at Conference Center
2:00 PM - 3:00 PM	Keynote Lecture - Gene-Environment Influence on Socio-Synaptic Dynamics in Autism Location: Hall A Speaker: Omamuyovwi Ijomone ; Introduction: Alexa Veenema
3:00 PM - 3:30 PM	Break Location: Foyer
3:30 PM - 5:30 PM	Neuroscience Research in Sub-Saharan Africa Location: Hall A Chair: Susanne Schmid ; Co-Chair: Lihle QuluAppiah From Barrier to Brain: The Impact of HIV-Proteins in Driving Neurocognitive Disorder 3:30 PM - 3:50 PM Speaker: Khayelihle Makhathini Targeting Dopaminergic Dysfunction in Neurodegenerative Disorders: My Research Journey on the Therapeutic Potential of Vitamins D₃ and A 3:50 PM - 4:10 PM Speaker: Mujittapha Umar Epigenetic Insights into Parkinson's Disease: Associations Between DNA Methylation and Disease Progression 4:10 PM - 4:30 PM Speaker: Thabisile Mpofana Sexual aggression and prenatal stress lead to poor maternal care and aggressive behaviour in male Wistar rat offspring 4:30 PM - 4:50 PM Speaker: Lihle QuluAppiah Panel Discussion and Q&A 4:50 PM - 5:30 PM
3:30 PM - 5:30 PM	Debating Stress Resilience in Animal Models: Mechanisms of Adaptation and Maladaptation Location: Hall B Chair & Speaker: Alessia Manganaro ; Co-Chair & Speaker: Alexies Dagnino ; Speaker: Marloes Henckens Dynamic Brain Signatures Differentiating Stress-Sensitive and Resilient Phenotypes 3:30 PM - 3:45 PM Speaker: Marloes Henckens Unraveling brain mechanisms of stress resilience in rodent models 3:45 PM - 4:00 PM Speaker: Alexies Dagnino Individual Behavioral Variability as the Critical Lens Linking Circuits to Outcomes 4:00 PM - 4:15 PM Speaker: Alessia Manganaro Conceptualizing and operationalizing resilience in humans - implications for animal research 4:15 PM - 4:30 PM Speaker: Raffael Kalisch Debate 4:30 PM - 5:30 PM
3:30 PM - 5:30 PM	Arousal and Behavior: Circuits of Wakefulness, Motivation, and Drive Location: Hall C Chair & Speaker: Patrick Fuller ; Co-Chair & Speaker: Michael Lazarus ; Speakers: Aki Takahashi, Elda Arrigoni Arousal: The Volume Knob of Behavior 3:30 PM - 4:00 PM Speaker: Patrick Fuller Neurobiology of Long-Lasting Aggressive Arousal in Male Mice 4:00 PM - 4:30 PM Speaker: Aki Takahashi Hedonic Gating of Sleep Homeostasis Via Adenosine A2A Receptors: Implications for Brain Health and Disease 4:30 PM - 5:00 PM Speaker: Michael Lazarus Hunger, Feeding, Fasting and Satiety: A Reciprocal Relationship with Arousal Levels 5:00 PM - 5:30 PM Speaker: Elda Arrigoni

5:30 PM - 6:30 PM

WIL Networking Event

Location: Foyer

6:30 PM - 10:00 PM

Dinner on Your Own

Saturday, June 27, 2026

7:00 AM - 8:00 AM

Breakfast at Hotel

8:30 AM - 10:30 AM

Stay or Go? Behavioral and Neural Mechanisms of Cognitive Flexibility

Location: Hall A

Chair & Speaker: Jacqueline Giovanniello ; Speakers: Tanya Gupta, Kathia Ramirez Armenta, Valeria González

Response Topography Modulates Response-Withholding in Mice

8:30 AM - 9:00 AM

Speaker: Tanya Gupta

16p11.2 Microdeletion Mice Display Premature Habitual Behaviors

9:00 AM - 9:30 AM

Speaker: Jacqueline Giovanniello

Dopamine Projections to the Basolateral Amygdala Enables Reward Predictions for Decision Making and Learning

9:30 AM - 10:00 AM

Speaker: Kathia Ramirez Armenta

Non-Neuronal Contributions in Cognitive Flexibility: Astrocyte Modulation in the ACC Affects Performance and Strategy Selection

10:00 AM - 10:30 AM

Speaker: Valeria González

8:30 AM - 10:30 AM

Translating Neurobiological Mechanisms into Druggable Targets for Psychiatric and Stress Disorders

Location: Hall B

Chair & Speaker: Alline Campos ; Co-Chair & Speaker: Rafael Almada ; Speaker: Deborah Suchecki

Neuropeptide Y Preventive Effect on an Early Life Adversity-Induced Risk for PTSD in Male and Female Rats

8:30 AM - 9:00 AM

Speaker: Deborah Suchecki

Orexin Signaling in the Hippocampus and Prefrontal Cortex: Mechanisms and Therapeutic Implications for Anxiety and PTSD

9:00 AM - 9:30 AM

Speaker: Rafael Almada

Translational Pharmacological Mechanisms of Cannabidiol's Anti-Stress Effects: NAPE-PLD, PV Neurons, and NG2 Glia

9:30 AM - 10:00 AM

Speaker: Alline Campos

8:30 AM - 10:30 AM

Delineating the impact of HIV and comorbid substance use on behavioral and molecular outcomes: A translational perspective identifying mechanisms and treatment targets

Location: Hall C

Chair: Jared Young ; Co-Chair & Speaker: Benjamin Reiner ; Speakers: Donald Franklin, Dionna Williams, Jacqueline Barker

Depression Before Versus After HIV Diagnosis: Associations with Cognition and Substance Use

8:30 AM - 9:00 AM

Speaker: Donald Franklin

Single Nucleus RNA Seq Reveals Cell Type-Specific Transcriptomic Dynamics During an Acute SIV Infection Time Course in Rhesus Frontal Cortex

9:00 AM - 9:30 AM

Speaker: Benjamin Reiner

Antiviral and Anti-inflammatory Effects of Cannabidiol in HIV/SIV Infection

9:30 AM - 10:00 AM

Speaker: Dionna Williams

Neuron and Astrocyte Populations Contribute to Uncontrolled Drug Seeking Rodent Models of HIV Infection

10:00 AM - 10:30 AM

Speaker: Jacqueline Barker

10:30 AM - 11:00 AM

Break

Location: Foyer

11:00 AM - 1:00 PM

Neural Substrates of Approach-Avoidance Conflict: Insights from Rodent Models

Location: Hall A

Chair & Speaker: Christian Bravo ; Co-Chair & Speaker: Elizabeth Manning ; Speaker: Fabricio Do Monte

Divergent Functions of the Ventral Hippocampal Projections to the Lateral Septum, Accumbens and Medial Prefrontal Cortex in Approach–Avoidance Decision Making Under Conflict

11:00 AM - 11:30 AM

Speaker: Nisma Khan

Prelimbic Cortex Neurons Expressing D1 or D2 Dopamine Receptors Bidirectionally Regulate Reward-Approach versus Threat-Avoidance Conflict in Rats

11:30 AM - 12:00 PM

Speaker: Fabricio Do Monte

Using the Live Rat-Reward Conflict Task to Investigate Approach-Avoidance Conflict and Hypothalamic Mechanisms

12:00 PM - 12:30 PM

Speaker: Elizabeth Manning

Ventral Pallidum Cells Govern Approach-Avoidance Conflict

12:30 PM - 1:00 PM

Speaker: Christian Bravo

11:00 AM - 1:00 PM

A Neurobiological Perspective on Building Resilience Across Species

Location: Hall B

Chair & Speaker: Jason Radley ; Co-Chair & Speaker: Sarah Ayash ; Speakers: Raffael Kalisch, Alaa Abu Ahmad

Prefrontal-Periaqueductal Gray Circuitry and Stress Inoculation as Complementary Windows into Resilience Neurobiology

11:00 AM - 11:30 AM

Speaker: Jason Radley

Neural Basis of Resilience to Social Stress

11:30 AM - 12:00 PM

Speaker: Sarah Ayash

Multiscale Biological Mechanisms of Resilience to Emotional and Physical Stress

12:00 PM - 12:30 PM

Speaker: Alaa Abu Ahmad

Sources of Resilience: Positive Appraisal as a Key Player

12:30 PM - 1:00 PM

Speaker: Raffael Kalisch

11:00 AM - 1:00 PM

The effects of stress on memory across the lifespan

Location: Hall C

Chair: Janine Kwapis ; Co-Chair & Speaker: Jiyeon Baek ; Speakers: Patrese Robinson, Maithe Arruda-Carvalho, André White

Using Recognition Memory to Assess Neurobehavioral Maturation of Learning Systems and Impacts of Developmental Stress

11:00 AM - 11:30 AM

Speaker: Patrese Robinson

Age-Dependent Effects of Stress on Prefrontal Modulation of Fear Memory

11:30 AM - 12:00 PM

Speaker: Maithe Arruda-Carvalho

The Role of Hippocampal Activation on Reward Devaluation and Cocaine-Associated Behavior

12:00 PM - 12:30 PM

Speaker: André White

Lamin B1 as an Epigenetic Regulator of Long-Term Memory Formation in Mice

12:30 PM - 1:00 PM

Speaker: Jiyeon Baek

1:00 PM - 2:00 PM

Lunch at the Conference Center

2:00 PM - 4:00 PM

New Frontiers in Behavioral Models of Affective and Motivational Domains for Antidepressant Discovery

Location: Hall A
Chair & Speaker: Marco Bortolato ; Co-Chair & Speaker: Simona Scheggi ; Speaker: Mercè Correa

Effort-Based Decision-Making Paradigms for the Evaluation of Anergia and its Potential Treatments
2:00 PM - 2:30 PM
Speaker: Mercè Correa

Breaking Point as a Biomarker for Anhedonia in Preclinical Drug Screening
2:30 PM - 3:00 PM
Speaker: Simona Scheggi

Developing Novel Paradigms for Measuring Persistence and Olfactory Incentive Response in Relation to Depression
3:00 PM - 3:30 PM
Speaker: Marco Bortolato

Investigating the Neuropsychological Effects of Antidepressants Using a Translational Rat Model of Affective Bias Modification
3:30 PM - 4:00 PM

2:00 PM - 4:00 PM

Chemical pollution, Infectious Challenges and Hormone Disruptors: Converging Pathways to Behavioral and Neurological Disorders

Location: Hall B
Chair & Speaker: Jerome Badaut

Studying rat social behavior in a seminatural environment: Exploring the effects of playback of socio-affective ultrasonic vocalizations
2:00 PM - 2:30 PM
Speaker: Fábio Sousa

Effects of Tamoxifen, a first-line therapy for hormone-receptor positive breast cancer, on Ischemic Stroke Outcomes: Microglia as Mediators
2:30 PM - 3:00 PM
Speaker: Farida Sohrabji

Applying Neurovascular Unit Plasticity to Explain Behavioral Trait Changes after Exposure to Emerging PFAS at Environmental Concentration
3:00 PM - 3:30 PM
Speaker: Jerome Badaut

2:00 PM - 4:00 PM

Orbitofrontal Cortex: Schemas, Simulation, and Flexibility in Adaptive Behavior

Location: Hall C
Chair: Vijay Namboodiri ; Speakers: Mihaela Iordanova, Joni Wallis, Geoffrey Schoenbaum

Orbitofrontal-Amygdala Circuits Link Fear with the Past and the Future
2:00 PM - 2:30 PM
Speaker: Mihaela Iordanova

Orbitofrontal Cortex in Retrospective Extinction
2:30 PM - 3:00 PM
Speaker: Vijay Namboodiri

Decoding Planning Processes Using the Orbitofrontal Value Code
3:00 PM - 3:30 PM
Speaker: Joni Wallis

Persistent Representation of a Prior Schema in the Orbitofrontal Cortex Facilitates Learning of a Conflicting Schema
3:30 PM - 4:00 PM
Speaker: Geoffrey Schoenbaum

4:00 PM - 4:30 PM

IBNS Business Meeting

Location: Hall A

5:00 PM - 5:30 PM

Bus Transportation to Gold Restaurant

6:15 PM - 10:00 PM

Awards Gala Dinner at Gold Restaurant

11:00 PM - 11:59 PM

Bus Transportation to Century City Urban Hotel