



Early Career Poster Session International Fellows Posters

Saturday, November 15
6:45—8:45 p.m. PST
San Diego Convention Center, Hall E

The Early Career Poster Session features participants of the Chinese Neuroscience Society (CNS), the Federation of European Neuroscience Societies (FENS), the International Brain Research Organization (IBRO), and the Japan Neuroscience Society (JNS). The Society for Neuroscience works with CNS, FENS, IBRO, and JNS to provide travel awards for neuroscientists from around the world to participate in the SfN annual meeting.



SOCIETY *for*
NEUROSCIENCE

Sreeja Dhanya

Institute for Stem Cell Science and
Regenerative Medicine (inStem)

IBRO

Postdoctoral Fellow

Role of histone-binding protein RBBP4
in regulating neural progenitor cell
fate and neurogenesis during mouse
neocortical development

Theme A: Development

A18

Greta Massa

Sapienza University of Rome

FENS

Graduate Student

Developmental abnormalities of
cerebellar granule neurons correlate with
autistic traits in male Npc1 mice

Theme A: Development

A42

Yixing Shi

Chinese Institute for Brain
Research, Beijing

CNS

Graduate Student

Oncogenic fusions converge on shared
mechanisms in initiating astroblastoma

Theme A: Development

A58

Maria Italia

University of Milan (UNIMI)

FENS

Postdoctoral fellow

At the synapse and beyond: GluA3
in synaptic activity, signalling, and
neuronal architecture

**Theme B: Neural Excitability,
Synapses, and Glia**

B36

Maryam Kartawy

The Hebrew University of Jerusalem

FENS

Graduate Student

The Gsk3 β -mediated GABAergic and
Glutamatergic alterations in the Cntnap2
mouse model of autism

**Theme B: Neural Excitability,
Synapses, and Glia**

B38

Teketel Eristu Kediso

Wachemo University

IBRO

Postdoctoral Fellow

Antiseizure effects of hydro-ethanolic
extracts of artemisia afra, in an in vitro
in an entorhinal cortex hippocampal
slices of rat

**Theme B: Neural Excitability,
Synapses, and Glia**

B40

Bruna Araújo

Institute for Research and Innovation
in Health (i3S)

FENS

Graduate Student

Abrogation of Adult Neurogenesis
Could Contribute to Dopaminergic
Degeneration and Motor Decline in
Parkinson's Disease

**Theme C: Neural Aging and
Degeneration**

C21

Melisa Bentivegna

Institute of Biology and
Experimental Medicine

IBRO

Postdoctoral Fellow

Amyloid Beta Modulates Astrocyte
Activation, Glucose Metabolism, and
Insulin Pathways: Implications for
Alzheimer's Disease

**Theme C: Neural Aging and
Degeneration**
C25

Shimaa Heikal

The American University in Cairo

IBRO

Graduate Student

Proteomic Profiling Identifies Serpin G1,
ApoA-II, and LBP as Potential Biomarkers
of Dementia in an Egyptian Cohort

**Theme C: Neural Aging and
Degeneration**
C53

Rademene Oria

University of Cross River State

IBRO

Postdoctoral Fellow

Modulation of ERK/MAPK Signaling
and Neuroinflammatory Responses
by Hesperidin in Aluminum Chloride-
Induced Hippocampal Neuropathology

**Theme C: Neural Aging and
Degeneration**
D26

Tayna Rody Souza Ferreira

Federal University of Rio de Janeiro

IBRO

Postdoctoral Fellow

Investigation of the neuroprotective
role of extracellular vesicles from
physical exercise and associated with
FND5C5/irisin in preclinical models of
Alzheimer's disease

**Theme C: Neural Aging and
Degeneration**
D36

Ramona Stringhi

University of Milan

IBRO

Postdoctoral Fellow

Uncovering a novel role for cap2 in the
regulation of mitochondrial dynamics
in neurons

**Theme C: Neural Aging and
Degeneration**
D42

Ester Licastro

University of Naples Federico II,
Naples, Italy

FENS

Graduate Student

Timing matters: how daily rhythms affect
neuroprotection therapy for stroke

**Theme D: Neuroimmunity,
Neurovasculature, and Neural Injury**
E15

Santiago Rubén Ronchetti
University of Buenos Aires, Institute
of Biology and Experimental Medicine
(Ibyme-CONICET)

IBRO

Graduate Student

Neuroprotective and Anti-inflammatory
Effects of Genistein in a Rat Model
of Metabolic Syndrome-associated
Encephalopathy

**Theme D: Neuroimmunity,
Neurovasculature, and Neural Injury**
E26

Xiaopei Zhao

The Chinese University of Hong Kong
IBRO

Graduate Student

The role of an ACC-BNST projection
in sevoflurane-induced long-term
cognitive impairment

**Theme D: Neuroimmunity,
Neurovasculature, and Neural Injury**
E42

Sarah Bou Sader Nehme

Holy Spirit University of Kaslik
IBRO

Postdoctoral Fellow

Cortical mechanisms of comorbidity
between ADHD and pain sensitization in
a mouse model

Theme E: Sensory Systems
E50

Osman Kaan Karagoz

Middle East Technical University
FENS

Graduate Student

A dual-refuge closed-loop behavioral
system for investigating multisensory
integration in weakly electric fish

Theme E: Sensory Systems
F16

Patricia Rodrigues

Federal University of Santa Maria
IBRO

Postdoctoral Fellow

Trpv4 contributes to clinical severity,
neuroinflammation, and nociception
in a relapsing-remitting experimental
autoimmune encephalomyelitis (rr-eae)
mice model

Theme E: Sensory Systems
H4

Christine Skjogstad

University of Oslo
FENS

Graduate Student

Social traits influence behavioral and
neural responses to emotional AI and
human voices

Theme E: Sensory Systems
H8

Fei Wang

Fourth Military Medical University
CNS

Postdoctoral Fellow

A sensory-motor-sensory circuit
underlies antinociception ignited by
primary motor cortex

Theme E: Sensory Systems
H10

Yilei Zhao

University of Fribourg
IBRO

Graduate Student

Frequency-Dependent Effects of
Optogenetic Activation in the Lateral
Geniculate Nucleus in the Tree Shrews

Theme E: Sensory Systems
H13

Carlos Manuel Gomez Guzman

Max Planck Institute for Biological Intelligence

FENS

Graduate Student

Social familiarity strengthens neural and vocal responses to conspecific calls in zebra finches

Theme F: Motor Systems

J5

Sandeep Thapa

Kathmandu Center for Genomics and Research Laboratory (KCGRL)

IBRO

Graduate Student

Neurogenetic Insights into Ocular Disorders in the Nepalese Population: Findings from Exome Sequencing

Theme F: Motor Systems

K16

Xiang Fei

Center for Excellence in Brain Science and Intelligence Technology (Institute of Neuroscience)

CNS

Graduate Student

A time window for memory consolidation during NREM sleep revealed by cAMP oscillation

Theme G: Integrative Physiology and Behavior

M16

Shota Miyazaki

Nagoya University

JNS

Postdoctoral Fellow

Identification of the key diffusible output factor that regulates circadian behavioral rhythms

Theme G: Integrative Physiology and Behavior

O8

Da Lu

University of Melbourne, The Florey Institute of Neuroscience and Mental Health

IBRO; Trainee Professional Development Award (TPDA)

Graduate Student

Epigenetic remodeling of sperm small RNAs by paternal chronic bacterial-like infection is associated with offspring anxiety and cognitive outcomes across generations

Theme G: Integrative Physiology and Behaviour

Q15

Isaac Yaw Attah

University of Cape Coast

IBRO

Postdoctoral Fellow

Discovery of aminopyrazole-based multitarget antidepressants: Virtual screening, molecular docking, and preliminary SAR and toxicity studies

Theme H: Motivation and Emotion

R5

Yoshiki Ito

University of Tokyo

JNS

Graduate Student

An experience-dependent cortico-cortical top-down input modulates associative learning rates

Theme H: Motivation and Emotion

T8

Adejoke Elizabeth Memudu

Edo State University Iyamho

IBRO

Postdoctoral Fellow

Ketamine improves neurocognition by improving synaptophysin expression while mitigating astrogliosis in animal model of depressive disorder

Theme H: Motivation and Emotion

V3

Hiromi Shiozaki

Tohoku University, Graduate School of Pharmaceutical Sciences

JNS

Graduate Student

Interoceptive signals modulate sharp wave ripples and memory consolidation in the ventral hippocampus

Theme H: Motivation and Emotion

X4

Luciano Cavallino

University of Buenos Aires, Institute of Physiology, Molecular Biology, and Neurosciences (IFIBYNE-CONICET-UBA)

IBRO

Postdoctoral Fellow

Reactivating aversive memories in humans: A EEG study of post-retrieval processes

Theme I: Cognition

Z11

Hongshen He

RIKEN Center for Brain Science

JNS

Postdoctoral Fellow

A hippocampal-septal pathway mediates bidirectional control of memory

Theme I: Cognition

BB2

Fei-Yang Huang

University of Oxford

IBRO

Postdoctoral Fellow

Structured Nutrient Encoding in the Amygdala During Reward-based Decisions

Theme I: Cognition

BB5

Rafaela Morais-Ribeiro

University of Minho, Life and Health Sciences Research Institute (ICVS / EM)

IBRO

Graduate Student

Social cognition deficits in the J20 mouse model of Alzheimer's disease

Theme I: Cognition

CC10

Rina Patel

German Center for Neurodegenerative Diseases (DZNE)

FENS

Graduate Student

Optogenetic control of mitochondria within parvalbumin-positive interneurons impairs spatial properties in the CA1 region of the hippocampus

Theme I: Cognition

DD1

Ilona Vieten

University Hospital Bonn

FENS

Graduate Student

Visually selective neurons in the human medial temporal lobe are modulated by attention

Theme I: Cognition

FF1

Bing Liu

**Chongqing Institute for Brain
and Intelligence**

CNS

Postdoctoral Fellow

Physiological super-resolution in situ recording reveals kinetics changes of norepinephrine release from sympathetic nerves in a mammalian failing heart

Theme J: Techniques

HH1

Guohong Wang

Fudan University

CNS

Postdoctoral Fellow

Descending projection neurons in the primary sensorimotor cortex regulate neuropathic pain and locomotion in mice

Theme J: Techniques

HH11
