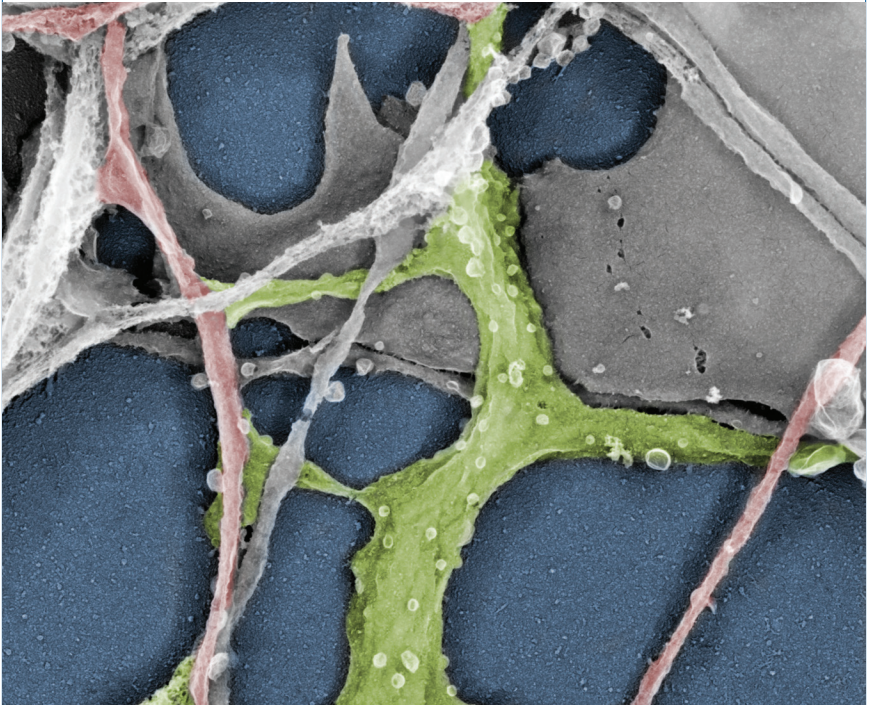




International Fellows Poster Session

Saturday, November 11
6:30–8:30 p.m.

Washington, DC Convention Center, Hall E



Latin American Training Program (LATP)

The Latin American Training Program, funded by SfN and The Grass Foundation, offers a dynamic online program of scientific and professional development opportunities. Top trainees from across the region are selected as Associates to take part in an online course, and fifteen outstanding Associates are selected as Fellows and to participate in a three-week, hands-on training course. Fellows also receive support to attend Neuroscience 2017 from the Challenge Grant, funded by longtime SfN member John Simpson, professor emeritus of neuroscience and physiology at New York University, and from the Grass Foundation.

Japan Neuroscience Society (JNS)–SfN Travel Awards

Since 2012, the Japan Neuroscience Society and SfN have collaborated on this joint initiative to encourage scientific exchange between Japan and North America. Five graduate students from Japan are selected to attend the SfN annual meeting, while five students from North America are selected to attend the JNS annual meeting. Selected awardees receive complimentary meeting registration and a cash award to go toward the cost of travel.

SfN-IBRO International Travel Awards

Funded by SfN and selected by the International Brain Research Organization (IBRO), these awards provide recipients with complimentary meeting registration and a cash award to go toward the cost of travel to the annual meeting. Eligible nominees must be from low, lower-middle, or upper-middle income countries as defined by the World Bank; under 35 years of age; and the first author of an abstract to be presented at the annual meeting. Thirty awards will be presented at Neuroscience 2017.

Federation of European Neuroscience Societies Travel Awards

SfN and the Federation of European Neuroscience Societies (FENS) encourage scientific exchange between Europe and North America. SfN sends graduate student members from the United States, Canada, and Mexico to the biannual FENS Forum. Young investigators researching in Europe received a stipend from FENS to travel to Neuroscience 2017.

Theme A: Development

Dulce María Arzate Vázquez (1)

Glial cells are a source of new neurons in the adult substantia nigra

Mexico
LATP

Julia Florentyna Bustos (2)

The role of the exocist in neuronal polarity

Argentina
LATP

Jerónimo Lukin (3)

MicroRNA-9 regulates dendritic arborization, synaptic neurotransmission and sensorimotor response

Argentina
LATP

Sonia Jazmín Molina (4)

Changes of hippocampal oxidative status in immature rats exposed to noise: influence of elapsed time after exposure and environmental stimulation

Argentina
IBRO

Nobuhiro Nakai (5)

Serotonin rebalances cortical tuning and behavior linked to autism symptoms in 15q11-13 duplication mice

Japan
JNS

Isis Nem De Oliveira Souza (6)

A model of neonatal Zika virus infection for the study of neurodevelopmental disorders

Brazil
IBRO

Shahidee Zainal Abidin (7)

The overexpression of miR-3099-mediated post-transcriptional gene regulation during neurogenesis in mice

Malaysia
IBRO

Theme B: Neural Excitability, Synapses, and Glia

Paulo Alexandre De Oliveira (8)

Angiotensin II type 1/adenosine A2A receptor heteromerization in mice striatum: a novel potential target for tardive dyskinesia

Brazil
IBRO

Elisa Galliano (9)

Integrated plasticity in dopaminergic neurons

United Kingdom
FENS

Ravinder Gulia (10)

Role of ubiquitination in glutamate receptors trafficking

India
IBRO

Irina Marcovich (11)

Unraveling the evolutionary history of nicotinic acetylcholine receptor subunits

Argentina
IBRO

Márton Rózsa (12)

Rhythmic persistent firing of neurogliaform interneurons in the human and rodent neocortex

Hungary
FENS

Tanveer Singh (13)

Ferulic acid supplementation for management of depression in epilepsy

India
IBRO

Mayara Vendramin Pasquetti (14)

Alterations in pre-ictal oscillation of pilocarpine model of epilepsy and the effects of MGE-grafted precursor cells

Brazil
IBRO

Thomas Younts (15)

Fast 3D imaging of dendritic activity in pyramidal cells of visual cortex

United Kingdom
FENS

**Theme C:
Neurodegenerative Disorders
and Injury****Sahabuddin Ahmed (16)**

Pioglitazone attenuates lipopolysaccharide-induced neuroinflammation and depressive-like behaviour via suppressing the NFκB/Nrf-2 and MAPK signalling pathways

India
IBRO

Danielle Beckman (17)

Boosting monoaminergic transmission counteracts cognitive and psychiatric symptoms in Alzheimer's disease

Brazil
LATP

Phetcharat Boonruamkaew (18)

The neuroprotective effect of Astaxanthin from white shrimp shell on C57BL/6 mice model of MPTP-induced Parkinsonism-like symptoms via antioxidant activity and neuro-inflammatory marker

Thailand
IBRO

Felipe Campos Ribeiro (19)

Abeta oligomers mediate proteasome inhibition especially at synapse

Brazil
IBRO

Girish Chandran (20)

Ferulic acid enhances the neuroprotective properties of calorie restriction against acrylamide model in *Drosophila melanogaster*: neurobehavioral and biochemical evidences

India
IBRO

Guilherme Braga De Freitas (21)

Investigating neuroprotective actions of irisin in the central nervous system

Brazil
IBRO

Mei-Li Díaz Hung (22)

Glutathione depletion in the SNpc modifies the expression of synaptic plasticity related genes in the nigrostriatal system of rats

Cuba
LATP

Leticia Forny Germano (23)

Obesity impact in neurogenesis and brain size in mice models

Brazil
LATP

Maria Guadalupe Garcia Gomar (24)

Tracts involved in the improvement subsequent to ablative neurosurgery of the subthalamus in Parkinson's disease

Mexico
LATP

Akash Gautam (25)

Analysis of Arc interacting proteins in mouse hippocampus during amnesia and its restoration

India
IBRO

Shampa Ghosh (26)

Altered levels of neurotrophic factors and neurotransmitters in the brain as the probable causes of decreased longevity of WNIN obese rats

India
IBRO

Valentina Lagos Rodríguez (27)

Targeting mitochondrial function to reduce hyperalgesia and glial reactivity in chronic pain models

Uruguay
LATP

Mychael V. Lourenco (28)

FNDC5/irisin corrects memory defects in animal models of Alzheimer's disease

Brazil
IBRO

Graziella Madeo (29)

α-Synuclein preformed fibrils (αSyn-PFFs) differentially shape the intrinsic and synaptic plasticity of midbrain dopaminergic neurons

Italy
FENS

Sriparna Mukherjee (30)

PLVAP and GKN3 are two critical host cell receptors which facilitate Japanese encephalitis virus entry into neurons

India
IBRO

Toshiki Okubo (31)

Transplanted human iPS cell-derived neuronal precursor cells promote motor functional recovery after chronic spinal cord injury

Japan
JNS

Victoria Palafox (32)

Neuroprotective effect of the C-Terminal domain of the heavy chain of tetanus toxin on dyskinesia caused by Levodopa in 6-hydroxydopamine-lesioned rats

Mexico
IBRO

Jonu Pradhan (33)

Altered regulation of upper motor neuron synaptic hyper-excitability by TrkB receptor signaling in the SOD1G93A mouse model of amyotrophic lateral sclerosis

Australia
IBRO

Gabriel Ramírez García (34)

Grey matter changes of vervet monkeys after MPTP administration: Voxel-based morphometry analysis

Mexico
IBRO

Yuryanni Rodriguez Ochoa (35)

Pharmacological inhibition of the neuron restrictive silencer factor under hypoxia situations

Venezuela
LATP

Angélica María Sabogal Guaqueta (36)

Anti-inflammatory effect by regulation of lipid species in brain and serum: Linalool neuroprotection in a cerebral ischemia model

Colombia
LATP

Tuane Bazanella Sampaio (37)

Apoptosis signaling activation following 6-hydroxydopamine-induced locus coeruleus lesion promotes olfactory, memory and emotional impairments in rats

Brazil
LATP

Sorabh Sharma (38)

Histone Deacetylase inhibitor, sodium butyrate, exerts neuroprotective actions in intracerebroventricular streptozotocin induced biochemical abnormalities in rats

India
IBRO

Charan Singh (39)

Neuroprotective effects of quercetin loaded nanoconstructs in murine neurocognitive model

India
IBRO

Theme D:
Sensory Systems

Biniyam Alemayehu Ayele (40)

Association between migraine related disability and co morbid depression among migraineurs visiting two neurology referral clinic in Addis Ababa, Ethiopia

Ethiopia
IBRO

Kasumi Inokuchi (41)

Nrp2 is sufficient to instruct circuit formation of mitral-cells to mediate odor-induced attractive social responses

Japan
JNS

Volodymyr Krotov (42)

Electrophysiological responses of lamina X spinal cord neurons to primary afferent stimulation

Ukraine
IBRO

Indra Pal (43)

Age-related changes in the expression of glutamic acid decarboxylase (GAD67) and NMDA receptor (NMDAR1) in the human inferior colliculus

India
IBRO

Theme F:
Integrative Physiology
and Behavior

Nuno Dinis Alves (44)

Modulation of adult neural plasticity sets behavioural response in an animal model of recurrent depression

Portugal
FENS

Giovanne Baroni Diniz (45)

Morphological and neurochemical characterization of the melanin-concentrating hormone [MCH] peptidergic system in the CNS of the mouse

Brazil
LATP

Daylín Góngora (46)

Covert and overt face recognition, one or two routes?

Cuba
IBRO

Patricia Cathryn Swart (47)

Maternal separation reduced prenatal ethanol-induced changes in hyperactivity and extracellular signal-regulated kinase activity

South Africa
IBRO

Theme G:
Motivation and Emotion

Mariella Bodemeier (48)

Loayza Careaga (48)
A quest for the neurobiological underpinnings of PTSD-like symptoms in traumatic stress susceptible rats

Brazil
IBRO

Bogna Ignatowska-Jankowska (49)

Transcriptional signatures of experience reveal Egr2 as a regulator of behavioral response to aversive stimuli

Israel
FENS

Vivian Binder Neis (50)

A single administration of agmatine, similar to ketamine, reverses depressive-like behavior induced by chronic administration of corticosterone in mice

Brazil
IBRO

Patricia Patricio (51)

Relevance of adult cytogenesis for behavior in female rats and the role of female hormones

Portugal
FENS

Theme H:
Cognition

Emilia Fló Rama (52)

Elementary composition in language processing: an EEG study

Uruguay
LATP

Shuntaro Izawa (53)

MCH neurons impair memory during sleep

Japan
JNS

Valentina Inés Paz Pérez (54)

Evoked potentials of social comparisons in people with social anxiety/depression

Uruguay
LATP

Lizeth Katherine Pedraza Correa (55)

Fluoxetine prevents fear generalization and maintains hippocampal dependency: implications for extinction enhancement

Brazil
IBRO

Akira Uematsu (56)

Distinct long-range noradrenaline microcircuits control opposing emotional and flexible learning states

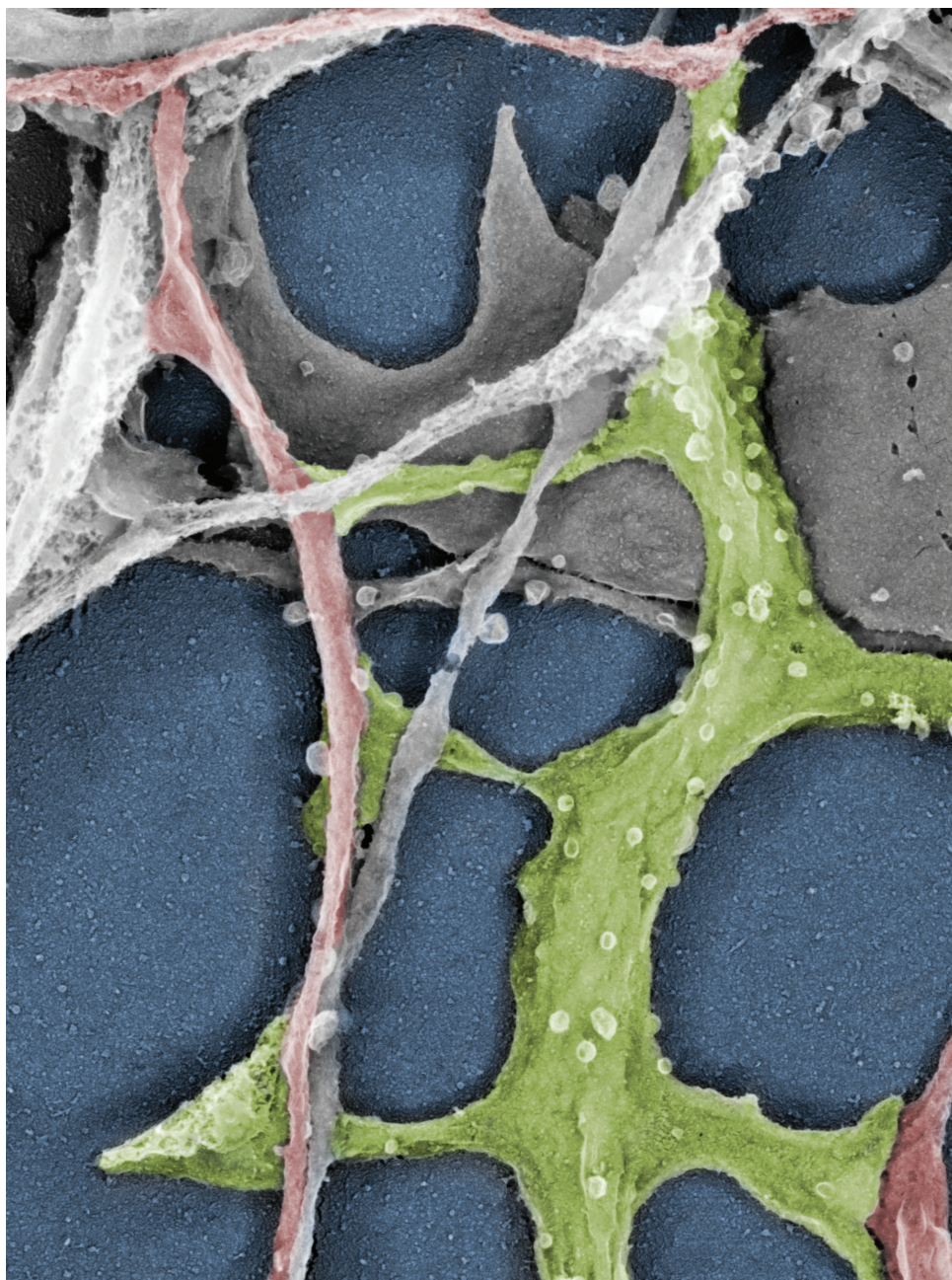
Japan
JNS

Theme I:
Techniques

Andrés Méndez (57)

Using Kinect technology to assess word learning

Uruguay
LATP



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