

VI NEUROBIOLOGY MEETING

September 20-24, 2025.
San Luis Potosi, San Luis Potosi, Mexico.

PRELIMINARY PROGRAM

Saturday - September 20, 2025	
09:30-10:30	Round table
10:30-12:30	Outreach workshops
12:30-13:30	Demonstration Backyard Brains! Greg Gage

Sunday - September 21, 2025	
09:00-15:00	Registration
09:00-12:00	Pre-meeting course <i>"Artificial Intelligence In Neuroscience Research: Tools And Applications"</i>
	Enrique Lemus Inmegen
	Roman Rossi Instituto de Fisiología Celular, UNAM

12:00-12:30	<i>Coffee break</i>
12:30-14:30	Round table <i>"Beyond The Bench: Neuroscience For Education, Entrepreneurship, And Social Change"</i>
	Greg Gage CEO, Backyard Brains "How to use neuroscience to impact education around the world"
	Israel Pichardo Legacylyfe Labs, Chief Scientific Officer "Entrepreneurship in Neuroscience"
	Roberto Mercadillo "The Culture of Peace and Neuroscience"
14:30-17:00	<i>Free time for lunch</i>
17:00-18:00	Cultural lecture María Isabel Monroy Castillo Colegio de San Luis (COLSAN) "An incredible adventure: San Luis Potosí, XVI - XXI centuries"
18:00-20:00	Welcome cocktail

Monday - September 22, 2025	

09:00-11:00	Symposium I: Neurodevelopment Chair: Violeta Lopez-Huerta, Co-Chair: Mario Arias-Garcia
	Alberto Camacho-Morales Universidad Autónoma de Nuevo León “Maternal programming of social behavior in the offspring”
	Alicia Guemez-Gamboa Feinberg School of Medicine, Northwestern University “Pathogenic mechanisms associated with Protocadherin variants: Implications from brain development”
	Yang Zhou McGill University, Montreal Canada.
11:00-11:15	<i>Coffee break</i>
11:15-12:00	Mini-symposium <i>‘How to survive a Neuroscience career’</i> Chair: Mónica Lopez-Hidalgo and Ana Estrada Sánchez
	Nadia Martínez Villegas IPICYT “What is impostor syndrome, and how can it be overcome?”
	Alejandra Betanzo de la Rosa UNAM The Steps for Non-Violent Communication in Science
12:00-13:00	Keynote Lecture I: Tatiana Fiordelisio Coll Facultad de Ciencias, UNAM

13:00-14:00	Selected talks from abstracts I
14:00-15:30	<i>Free time for lunch</i>
15:00-15:30	<i>Coffee</i>
15:30-17:30	Symposium II: Molecular Neuroscience and Pathology Chair: Ana María Estrada Sánchez
	Elizabeth Pollina Washington University School of Medicine St. Louis. “Dynamic Genome Control Mechanisms in Neuronal Plasticity and Aging”
	Aliesha González Arenas Instituto de Investigaciones Biomédicas, UNAM “Hippocampal Neuronal Plasticity and its Relationship with Microglial Activity in a Murine Model of Autism”
	Ana C. Valencia-Olvera University of Illinois at Chicago “Identifying the mechanism of APOE4-associated brain endothelial cells dysfunction”
	Nadia Di Franco University of Barcelona “CB1R dysfunction at hippocampal inhibitory synapses drives cognitive decline in Huntington’s disease”
17:30-17:35	Flash talks posters
17:40-19:40	Poster session I

Tuesday - September 23, 2025

09:00-11:00	Symposium III: Brain-body communication Chair: Luis A. Tellez, Co-Chair: Ivan E. de Araujo
	Lucía Mendoza Viveros IPICYT “The astrocytic circadian clock regulates sleep and energy homeostasis”
	Rocío Servín Veneces Northwestern University “Mechanosensory control of gut physiology”
	Anoj Ilanges Janelia Research Campus “Neural control of sickness physiology”
11:00-11:20	Talk by sponsors
11:20-11:40	<i>Coffee break</i>
11:40-12:40	Keynote Lecture II: Luiz Pessoa
12:40-13:40	Selected talks from abstracts II
13:40-15:30	<i>Free time for lunch</i>
15:00-15:30	<i>Coffee</i>
15:30-17:30	Symposium IV: Neurophysiology and plasticity Chair: Emilio Galván
	Pablo E. Castillo Albert Einstein College of Medicine Professor Dominick P. Purpura, Department of Neuroscience

	Rafael Gutierrez Center for Research and Advanced Studies of the National Polytechnic Institute Professor, Department of Physiology, Biophysics and Neuroscience.
	J. Alfredo Méndez Instituto de Física, Autonomous University of San Luis Potosí “Interconnection of electrical excitable cells using carbon nanotubes”
17:30-17:35	Flash talks posters
17:40-19:40	Poster session II
20:00-21:00	Having a beer with the speakers

Wednesday - September 24, 2025	
09:00-12:30	<i>Free time</i>
12:30-13:30	Selected talks from abstracts III
13:30-14:30	Keynote Lecture III
14:30-16:00	<i>Free time for lunch</i>
16:00-16:30	<i>Coffee</i>
16:00-18:00	Symposium V: Neurobiology of substance use disorders Chair: Marisela Morales, Co-Chair: Perla Moreno- Castilla

	Flavia Barbano National Institute on Drug Abuse (NIDA-IRP), NIH. Staff Scientist, Neuronal Networks Section
	Hugo Tejeda National Institute of Mental Health (NIMH-IRP), NIH. Stadtman Investigator
	Silvia L Cruz Senior Investigator. Cinvestav, Department of Pharmacobiology
	Eduardo A. Garza Villarreal Instituto de Neurobiología, UNAM
18:00-19:00	Closing Lecture
19:00-19:10	Closing ceremony
19:10-19:40	Business meeting
20:00-23:00	Farewell dinner