



Seminar Series

2019/2020

PRESENTED BY THE INSTITUTE FOR PEDIATRIC REGENERATIVE MEDICINE

Presentations: Noon – 1 p.m. (unless noted)

Shriners Hospitals for Children – Northern California, First-floor Auditorium (unless noted)

Free parking is available in the Shriners Hospital Garage. Light lunch provided.

September 6 – Bruno Mota

Federal University of Rio de Janeiro
Universality in Cortical Girification in Mammals

September 20 – Peter Yang

Stanford University
There Will be Blood? A Tissue Engineer's Fantasy, Dilemma, and Bio-inspired Approaches

October 4 – Yang Hu

Stanford University
Neural Repair of the CNS: Viewing through RGC Neuroprotection and Optic Nerve Regeneration

October 18 – Sergi Simo

UC Davis
The Importance of Signal Pathway Downregulation for Central Nervous System Development

November 1 – Kostas Zarbalis

Shriners Hospitals for Children / UC Davis
Establishing Long-range Connectivity in the Developing Brain

November 15 – Marie Burns

Shriners Hospitals for Children / UC Davis
Neuroinflammation in Response to Photoreceptor Degeneration

December 13 - Aijun Wang

Shriners Hospitals for Children / UC Davis
Engineering Stem Cells, Extracellular Vesicles and Matrices for Tissue Regeneration

January 10 – Verónica Martínez-Cerdeño

Shriners Hospitals for Children / UC Davis
Fragile X Associated Tremor/ataxia Syndrome: Clinical Presentation, Pathology, and Treatment

January 24 – Yongjie Yang

Tufts University
Neuron to Astroglia Communication and its Implication in Fragile X Syndrome

February 7 – David Pleasure

Shriners Hospitals for Children / UC Davis
Leukodystrophies

February 21 – Anna de la Torre

UC Davis
MicroRNAs in Central Nervous System Development and Regeneration

March 6 – TBD

March 20 – Carmen Falcone

Shriners Hospitals for Children / UC Davis
Cortical Interlaminar Astrocytes Evolution and Development

April 3 – Olga Balashova

Shriners Hospitals for Children / UC Davis
Folate Receptor 1 Regulates Neural Plate Cell Apical Constriction During Neural Tube Formation

April 17 – Peixin Yang

Maryland University
Molecular and Epigenetic Mechanisms in Pregestational Diabetes-induced Embryonic Malformations

May 1 – Andrew Hamilton

Shriners Hospitals for Children / UC Davis
Canonical and Noncanonical Hedgehog Signaling Regulate Tissue Regeneration in *Xenopus laevis*

May 15 – Kiho Cho

Shriners Hospitals for Children / UC Davis
Evaluation of Critical Assumptions in Understanding and Studying Biology (Part-II)

May 29 - Wenbin Deng

Shriners Hospitals for Children / UC Davis
Differentiation of Human Pluripotent Stem Cells into Glial Cells

If you are interested in learning more about the IPRM Science Seminars, contact Verónica Martínez Cerdeño at (916) 453-2163 or vmartinezcerdeno@ucdavis.edu. To learn more about the Institute for Pediatric Regenerative Medicine (IPRM), go to www.iprmd.org

IPRM
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