MMI 291 Seminar Series

Current Theme: Interdisciplinary Research
Winter Quarter 2020 – CRN 65452 Friday Seminar – 12:10-1 p.m.

“Mining the Perinatal Epigenome for Insights into Autism Risk and Multifactorial Health Disparities”

Research
Dr. LaSalle is a Professor of Microbiology and Immunology at the University of California, Davis; With leadership roles in several research centers on campus, reflecting the interdisciplinary nature of her research program in epigenetics mechanisms at the interface of genes and environment in autism spectrum disorders. Dr. LaSalle is co-director of the new campus-wide IMPACT center, Perinatal Origins of Disparities (POD) Center. She also serves as the Associate Director of Genomics at the UC Davis Genome Center, Deputy Director of the Environmental Health Sciences Center, and on the Executive Committee of the IDDRC at the MIND Institute. She recently served as chair of the Genes in Health and Disease study section for the NIH. Dr. LaSalle also serves on the editorial board of the journals Human Molecular Genetics, Molecular Autism, and Environmental Epigenetics and is on the Scientific Advisory boards of the International Rett Syndrome Foundation, Dup15q Alliance, and Foundation for Prader-Willi Research.

Research focus in Dr. LaSalle’s laboratory is on epigenetics of neurodevelopmental disorders, including autism, Rett, Prader-Willi, Angelman, and Dup15q syndromes. Dr. LaSalle’s laboratory uses genomic and epigenomic technologies to investigate the role of DNA methylation and MeCP2 in the pathogenesis of Rett syndrome and autism spectrum disorders. Dr. LaSalle’s lab also takes integrative genetic and epigenomic approaches to investigate perinatal tissues such as placenta, cord blood, and newborn blood spots for prediction and prevention of health disparities.

Publications


Janine M. LaSalle, PhD
Department of Medical Microbiology and Immunology
School of Medicine
Perinatal Origins of Disparities Center
Genome Center
Environmental Health Sciences Center
MIND Institute
UC Davis

March 13, 2020
12:10 – 1 p.m.
GBSF 1005

Medical Microbiology & Immunology
School of Medicine

Seminar Contact:
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We hope to see you there!