

Zilkha Neurogenetic Institute

Zilkha Seminar Series

Part of the Vascular Contributions to Dementia and AD Seminar Series*



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“Deciphering Mechanisms of Alzheimer’s Disease Risk”

With a growing patient population and disappointing results from clinical trials, neurodegenerative diseases present a pressing public health crisis. We need new approaches to understand the fundamental biology of these diseases to develop therapeutic and preventative strategies. Population studies have identified genetic risk factors for late-onset forms of neurodegenerative diseases like Alzheimer’s disease (AD). My research has focused on (1) understanding the molecular mechanisms by which neurodegenerative disease risk factors impact cellular physiology and (2) modulating these pathways as potential therapeutic strategies. To do this, I have used a suite of tools from single-molecule fluorescence to induced pluripotent stem cell (iPSC)-derived brain tissue.

Seminar host: Dr. Berislav Zlokovic

**Wednesday,
March 20, 2019
12:00p.m. - 1:00p.m.**

Herklotz Seminar Room/ ZNI 112
USC Health Sciences Campus
1501 San Pablo Street, Los Angeles, CA 90033
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Webcast link: <http://keckmedia.usc.edu/Mediasite/Catalog/catalogs/keckadmin-zilkha-seminar-series>