BRAINS IN A DISH

Central Virginia Chapter of the Society for Neuroscience
2016 Annual Symposium and Poster Session

March 25th, 2016

University of Virginia
Jordan Hall Conference Center
1340 Jefferson Park Avenue, Charlottesville, VA
Brains in a Dish

Annual Symposium of the
Central Virginia Chapter of the Society for Neuroscience
Friday, March 25th, 2016

8:30 a.m.  
Registration in Jordan Hall Conference Center, 1st floor
Poster set up in Jordan Hall room 2ABC (second floor)
Breakfast in JHCC first floor lobby area

9:15  
Symposium Opening Remarks
George S. Bloom, PhD, CVCSN President
David S. Wilkes, MD, Dean of the UVA School of Medicine

9:30  
Engineering Brain-Like Tissues
David Kaplan, PhD
Professor of Biomedical Engineering
Tufts University, Medford MA

10:30  
A New Dimension in Neurodegeneration: 3D Models of ALS-FTD
Erin Pennock Foff, MD, PhD
Assistant Professor of Neurology
University of Virginia, School of Medicine, Charlottesville VA

11:30 Lunch Break in Jordan Hall: G1&G2 and Meeting Room 1
Student Lunch with Speakers

12:30 p.m.  
CVCSN Symposium Poster Session – JHCC room 2ABC

2:15  
Data Blitz Oral Presentations

3:00  
Intermission  - Coffee and Cookies

3:30  
Recapitulating Alzheimer’s Pathologies in a 3D Human Neural Cell Culture Model
Doo Yeon Kim, PhD
Assistant Professor of Neurology and Neuroscience
Harvard Medical School and Massachusetts General Hospital, Boston MA

4:30  
Interrogating Collateral Vessel Development and Remodeling
Michelle H. Theus, PhD
Assistant Professor of Molecular and Cellular Neurobiology
VA-MD College of Veterinary Medicine, Virginia Tech, Blacksburg VA

5:30  
Symposium Awards & Closing Remarks
George S. Bloom, PhD, CVCSN President
Identification of FGF15 as a target-derived factor that influences retinocollicular targeting
John CHEN, PhD
Virginia Tech Carilion Research Institute

Interactions of interstitial flow with the glioma microenvironment
Robert Chase CORNELISON, PhD
Department of Biomedical Engineering, University of Virginia

Creating a 3-Dimensional Neural Cell Culture Model of C9ORF72 Frontotemporal Degeneration-Amyotrophic Lateral Sclerosis (FTD-ALS)
Veronica PORTERFIELD, PhD
Department of Neurology, University of Virginia

NALCN is a “leak” sodium channel that regulates excitability of brainstem chemosensory neurons and breathing
Yingtang SHI, MD
Department of Pharmacology, University of Virginia

Aging and Disease Alter the RNA Induced Silencing Complex at the Neuromuscular Junction
Thomas Taetzsch, PhD
Virginia Tech Carilion Research Institute