

## 2<sup>nd</sup> PU - IU Joint Symposium on Brain and Spinal Cord Injury Research

Monday, September 24, 2018  
8:30 am - 6:00 pm

Purdue Memorial Union - South Ballroom  
101 N. Grant St., W. Lafayette, IN 47907

8:30-9:30 am	<b>Registration / Continental Breakfast</b>
9:30-9:35 am	<b>Welcome Remarks:</b> <b>Dr. Riya Shi</b> , area leader, Neurotrauma and Neuropathology, Purdue Institute for Integrative Neuroscience
9:35-9:55 am	<b>Opening Remarks:</b> <b>Dr. Suresh Garimella</b> , Executive Vice President for Research, Purdue University <b>Dr. Donna Fekete</b> , Director, Purdue Institute for Integrative Neuroscience <b>Dr. Nickolas Barbaro</b> , Chair, Department of Neurological Surgery, IUSM <b>Dr. Anantha Shekhar</b> , Associate Vice President for Research, IUSM
<b>Morning Session</b>	<b>Chair: Dr. Riya Shi</b>
10:00-10:20 am	<b>Dr. Anantha Shekhar</b> , Associate Vice President of Research, IUSM; August M. Watanabe Professor of Medical Research; Professor of Psychiatry, Neurobiology, Pharmacology and Toxicology "Molecular Mechanisms of PTSD"
10:20-11:00 am	<b>Keynote Speaker: Dr. John Povlishock</b> , Professor and Chair, Department of Anatomy and Neurobiology; Director, Commonwealth Center for the Study of Traumatic Brain Injury, Medical College of Virginia Campus, Virginia Commonwealth University "The Complex Web of CNS Circuit Disruption Spun by Traumatically Induced Diffuse Axonal Damage and Dysfunction"
11:00-11:20 am	<b>Break</b>
11:20-11:40 am	<b>Dr. Edward Bartlett</b> , Associate Professor, Biology and Biomedical Engineering, Purdue University "Auditory System Impairment Following Mild Blast Injury in Rat"
11:40 am-12:00 pm	<b>Dr. Zhong-Yin Zhang</b> , Professor and Director, Purdue Institute for Drug Discovery; Head, Medicinal Chemistry and Molecular Pharmacology, Purdue University "Drug Discovery at Purdue & Therapeutic Targeting of Protein Phosphatases"
12:00-12:20 pm	<b>Dr. Jinhui Chen</b> , Associate Professor of Neurological Surgery, SCBIR Group, Stark Institute, IUSM "Restoring Learning and Memory Following TBI in a Rodent Model"
12:20-1:30 pm	<b>Lunch and Poster Viewing</b>
<b>Afternoon Session</b>	<b>Chair: Dr. Armin Blesch</b>
1:30-2:10 pm	<b>Keynote Speaker: Dr. Jerry Silver</b> , Professor, Department of Neurosciences, Case Western Reserve University "Rapid and Robust Recovery of Breathing Long after Spinal Cord Injury"
2:10-2:30 pm	<b>Dr. Brad Duerstock</b> , Associate Professor, Industrial and Biomedical Engineering, Purdue University "Waiting for the Cure for SCI: Complications, Comorbidities, Costs & Care"
2:30-2:50 pm	<b>Dr. Armin Blesch</b> , Professor of Neurological Surgery, SCBIR Group, Stark Institute, IUSM "Anisotropic Hydrogels for Axonal Regeneration in the Injured Spinal Cord"
2:50-3:10 pm	<b>Dr. Thomas Talavage</b> , Professor, Electrical and Biomedical Engineering, Purdue University "Sub-Concussive Mild TBI in High School Athletes: A Neuroimaging Study"
3:10-3:30 pm	<b>Break</b>
3:30-3:50 pm	<b>Dr. Lingxiao Deng</b> , Research Associate, SCBIR Group, Stark Institute, IUSM "Propriospinal Neurons, an Appropriate Target for Spinal Cord Injury Treatment"
3:50-4:10 pm	<b>Dr. Fang Huang</b> , Assistant Professor, Biomedical Engineering, Purdue University "Volumetric Single Molecule Super-Resolution Microscopy: Novel Nanoscale Imaging for Alzheimer's Disease in Mouse"
4:10-4:30 pm	<b>Elizabeth Marie Runge</b> , Medical Scientist Training Program, Department of Anatomy and Cell Biology, IUSM "The Role of IL-10 Signaling in CD4+ T Cell-Mediated Neuroprotection after Facial Motoneuron Injury"
4:30-4:35 pm	<b>Closing Remarks:</b> <b>Dr. Xiaoming Xu</b> , Science Director, SCBIR Group, Stark Institute, IUSM
4:35-6:00 pm	<b>Poster Viewing and Social Hours</b>

Click [here](#) to register online

Registration Deadline is Friday, September 7, 2018