



ENGINEERING IN MEDICINE SYMPOSIUM

Friday, December 6th, 10am – 4pm, MRGN 121

AGENDA

10:00 – 10:10 AM	Welcome Remarks: <i>Craig Goergen and Tatiana Foroud</i>
10:15 – 11:15 AM	Keynote 1 Title: <i>Cellular and network vulnerability to protein pathologies in Parkinson's disease</i> Michael Henderson <i>Associate Professor</i> <i>Van Andel Institute, Grand Rapids, MI</i>
11:15 – 12:00 PM	Scientific Presentations - Title: <i>Leveraging systems biology approaches to decipher the complex pathophysiology of Alzheimer's disease</i> <u>Prof. Priyanka Baloni</u> - Title: <i>Ultra-high resolution optical imaging of the brain, one molecule at a time</i> <u>Prof. Fang Huang</u>
12:00 – 1:00 PM	Networking lunch
1:00 – 2:30 PM	Scientific Presentations - Title: <i>Site-specific seeding of Lewy pathology induces distinct pre-motor cellular and dendritic vulnerabilities in the cortex</i> <u>Prof. Krishna Jayant</u> - Title: <i>Error augmentation using robotic devices during locomotor training to enhance motor recovery post-stroke</i> <u>Prof. T. George Hornby</u> - Title: <i>Overview of neuroimaging resources at Indiana University School of Medicine</i> <u>Prof. Yu-Chien Wu</u> - Title: <i>Overview of clinical neurology programs and potential collaborations</i> <u>Prof. Laurie Gutmann</u>
2:30 – 2:45 PM	Break
2:45 – 3:45 PM	Keynote 2 Title: <i>Mitochondrial Dysfunction, Parkinsonism, and Network Determinants of Disability</i> D. James Surmeier <i>Nathan Smith Davis Professor and Chair</i> <i>Department of Neuroscience</i> <i>Feinberg School of Medicine</i> <i>Northwestern University, Chicago, IL</i>
3:45 – 4:00 PM	Closing Remarks: <i>Tatiana Foroud and Julie Liu</i>

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ORGANIZING COMMITTEE



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