

Neurodegeneration & Repair

Program of Events

- 11:00 – 11:45 Check-in, Coffee and Light Refreshments
- 11:45 – 12:00 Welcome and Program Introduction
- 12:00 – 12:30 **DATA BLITZ** • preview of selected posters: 3 slides, 3 minutes total
- Nogo Receptor Knockout Extends Critical Period Plasticity and Visual Circuit Reorganization*
Chris Brown • University of Louisville, Department of Anatomical Sciences and Neurobiology
- Neurotransmitter differences in two genotypes of mice treated with benzo[a]pyrene during early brain development*
Annika White • Northern Kentucky University, Department of Biological Sciences
- Pathways to Mortality among Head and Neck Cancer Patients: Exploring Cortisol Rhythm and Immune Marker Relationships, and their Implications for Disease Progression*
Isak Beck • University of Louisville, Department of Otolaryngology
- Periaxonal swelling and loss of axo-myelinic connectivity causes secondary white matter injury after SCI*
Spencer Ames • University of Louisville, Department of Neurological Surgery, KSCIRC
- Effects of alcohol on Alzheimer's disease pathogenesis in 3xTg-AD mice*
Lucy Sloan • University of Louisville, Department of Pharmacology & Toxicology
- 12:30 – 1:00 **WHAT'S HAPPENING IN OUR OWN BACKYARD I?**
- Ultrasound Blood-Brain Barrier Opening for treatment of Alzheimer's Disease*
Pierre D'Haese, PhD • West Virginia University, Associate Professor, Director of Digital Health and Imaging Analytics
- 1:00 – 1:45 Lunch
- 1:45 – 3:00 **POSTER SESSION AND JUDGING**
- 3:00 – 3:30 **WHAT'S HAPPENING IN OUR OWN BACKYARD II?**
- Therapeutic efficacy of Stereopure Oligonucleotides in a Pig Model of autosomal dominant Retinitis Pigmentosa (adRP)*
Archana Jalligampala, PhD • University of Louisville, Postdoctoral Associate Department of Ophthalmology and Visual Sciences
- 3:30 – 4:30 **PLENARY LECTURE**
- Alzheimer's disease: Understanding Molecules and People*
Irving Vega, PhD • Michigan State University, Associate Professor, Red Cedar Distinguished Faculty, Department of Translational Neuroscience
- 4:30 – 5:00 Presentation of poster awards and chapter trainee awards, chapter business meeting, and closing remarks



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