



SCHOOL OF MEDICINE

INDIANA ALZHEIMER'S DISEASE RESEARCH CENTER

**Registration
Now
Open**

Presents

2021 Fall Research Symposium

INsights of **Biology Mark Emerging Research in **Alzheimer's Disease** (**IN-Biomarker AD**)**

Thursday, October 21, 2021

9:00 am to 4:00 pm (EDT)

Virtual Symposium

**Hear the latest research from IADRC Researchers
along with our featured guests:**

- **Eliezer Masliah, MD, NIA-NIH**
- **Nilüfer Ertekin-Taner, MD, PhD, Mayo Clinic**
- **Rhoda Au, PhD, Boston Univ. Sch. Medicine**

Hosted by:

IADRC Research Education Component (REC)

Register now: https://redcap.link/IADRC_Sym_21

Other contact: iadcevt@iu.edu or 317-963-5500

IADRC Fall Research Symposium:

IN-Biomarker AD – INsights of Biology Mark Emerging Research in Alzheimer’s Disease

Virtual Symposium

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| 9:00 am | Welcome & IADRC Update <i>The IADRC as Research Hub on the Path to Precision Medicine</i> | Andrew J. Saykin, PsyD Director, Indiana Alzheimer’s Disease Research Center Professor, Department of Radiology & Imaging Sciences |
| 9:20 am | <i>Emerging Science in Biomarkers Funded by NIA and Opportunities</i> | Eliezer Masliah, MD Director, Division of Neuroscience (DN), National Institute on Aging, NIH |
| 9:45 am | <i>Precision Medicine in Alzheimer’s Disease- from Multi-Omics to Biological Insights</i> | Nilüfer Ertekin-Taner, MD, PhD Consultant, Professor of Neurology and Neuroscience, Department of Neurology, MayoClinic Jacksonville, FL |
| 10:30 am | <i>Leveraging Biofluid Biomarkers to Advance our Understanding of Alzheimer’s Disease</i> | Jeffrey Dage, PhD Research Professor, Department of Neurology, Stark Neurosciences Research Institute, IUSM |
| (Break 5 mins) | | |
| 11:05 am | <i>Neuroprotective Effect of Astrocytic Tau Reduction</i> | Cristian Lasagna-Reeves, PhD Assistant Professor, Dept of Anatomy Cell Biology & Physiology, Stark Neurosciences Research Institute, IUSM |
| 11:35 am | <i>Functional Connectivity Dynamics along the Alzheimer’s Disease Spectrum</i> | Evgeny Jenya Chumin, PhD Postdoctoral fellow, Computational Cognitive Neuroscience Indiana University, Bloomington |
| 12:00 noon | <i>Blood Transcriptomic Biomarkers in Alzheimer’s Disease</i> | Apoorva S. Bharthur, PhD Candidate PhD Candidate, Medical Neuroscience Program, IUSM |
| 12:20 pm | BREAK- Lunch on your own | |
| 1:00 pm | Clinicopathological Conference (Multiple presenters) | Bernardino Ghetti, MD Core Leader, Neuropathology, IADRC Distinguished Professor, Pathology & Lab Medicine, IUSM |
| 2:05 pm | <i>TREM2 variants in Parkinson’s disease</i> | Kelly Nudelman, PhD Assistant Research Professor, GBB Core, Department of Medical & Molecular Genetics, IUSM |
| (Break-5 mins) | | |
| 2:30 pm | <i>Digital Biomarkers: Current Realities to Future Possibilities</i> | Rhoda Au, PhD Assistant Professor, Dept of Anatomy & Neurobiology, Boston University School of Medicine, Boston |
| 3:10 pm | <i>Insights of microRNA Biology Mark Energy in Alzheimer’s Research</i> | Debomoy K. Lahiri, PhD Core Leader, Research Education Component (REC), Indiana Alzheimer’s Disease Research Center Distinguished Professor, Department of Psychiatry, IUSM |
| 3:40 pm | Closing Remarks and Evaluation | |