

**SYMPOSIUM ON THE BASIC SCIENCE OF ALZHEIMER'S DISEASE**

**University of Pittsburgh  
Graduate School of Public Health  
130 DeSoto Street  
Pittsburgh, PA 15261**

**May 20—21, 2020**

**Wednesday May 20, 2020**

**Welcome** 4:00 p.m.

**Peter L. Strick, PhD**

*Thomas Detre Professor & Chair of Neurobiology  
Scientific Director, Brain Institute  
Director, Systems Neuroscience Center*

**Keynote Address**

**The Cellular Phase of Alzheimer's Disease**

*Sponsored by the Department of Neurobiology and the University of  
Pittsburgh Brain Institute*

**Bart De Strooper, MD, PhD**

*Director of UK Dementia Research Institute*

**Adjournment Day 1**

**5:30 p.m.**

***Reception to follow***

**Thursday May 21, 2020**

**Registration and Continental Breakfast**

**8 – 9 a.m.**

**Welcome/Opening Remarks**

**9 – 9:15 a.m.**

**William E. Klunk, MD, PhD**

*Distinguished Professor of Psychiatry and Neurology  
Levidow-Pittsburgh Foundation Chair In Alzheimer's Disease and Dementia  
Disorders*

**Roadmap to Precision Medicine for ADRD Traits**

**9:15 – 9:45 a.m.**

**David A. Bennett, MD**

*Director, Rush Alzheimer's Disease Center  
Director, ROSMAP, PI AMP-AD  
Robert C. Borwell Professor of Neurological Science  
Department of Neurological Sciences, Rush Medical College*

**Amyloid Deposition in Autosomal Dominant AD and Down Syndrome:  
When production exceeds clearance**

**9:45 – 10:15 a.m.**

**William E. Klunk, MD, PhD**

**Coffee Break**

**10:15 – 10:45 a.m.**

<p><b>Accelerating Alzheimer's Disease Therapeutic Development in the NIH-Funded MODEL-AD and TREAT-AD Consortia</b>  <b>Bruce Lamb, PhD</b>  <i>Research Director, Stark Neurosciences Institute</i>  <i>Indiana University School of Medicine</i>  <i>PI MODEL-AD</i></p>	<p>10:45 – 11:15 a.m.</p>
<p><b>Learning Neurodegenerative Disease Trajectories from Transcriptomics</b>  <b>Ben Logsdon, PhD</b>  <i>Director, Neurodegeneration</i>  <i>Sage Bionetworks</i></p>	<p>11:15 – 11:45 a.m.</p>
<p><b>Morning Panel Discussion Q&amp;A</b>  <b>Karl Herrup, PhD – Moderator</b>  <i>Professor of Neurobiology</i>  <i>Member, Alzheimer's Disease Research Center</i>  <i>University of Pittsburgh</i></p>	<p>11:45 a.m. – 12:15 p.m.</p>
<p><b>Lunch</b></p>	<p>12:15 -1:15 p.m.</p>
<p><b>Charting the Path of Resistance to Alzheimer's Disease</b>  <b>Joseph F. Arboleda-Velasquez, MD, PhD</b>  <i>Assistant Professor, Harvard Medical School</i>  <i>Faculty Director of Paths in Division of Medical Sciences Program at Harvard Medical School</i></p>	<p>1:15 – 1:45 p.m.</p>
<p><b>The Common Marmoset as a New Experimental Model of AD</b>  <b>Afonso Silva, PhD</b>  <i>Professor, Department of Neurobiology</i>  <i>University of Pittsburgh</i></p>	<p>1:45 – 2:15 p.m.</p>
<p><b>Coffee Break</b></p>	<p>2:15 – 2:45 p.m.</p>
<p><b>Vilhelm Bohr, MD, PhD (Talk title pending)</b>  <i>Senior Investigator</i>  <i>National Institutes of Health</i>  <i>Laboratory of Molecular Gerontology</i></p>	<p>2:45 – 3:15 p.m.</p>
<p><b>Integration of mouse and human studies to gain insights into mechanisms of vascular cognitive impairment and dementia</b>  <b>Donna M. Wilcock, PhD</b>  <i>Sweeney-Nelms Professor in Alzheimer's Disease Research</i>  <i>Sanders-Brown Center on Aging</i>  <i>University of Kentucky</i></p>	<p>3:15 – 3:45 p.m.</p>
<p><b>Afternoon Panel Discussion Q&amp;A</b>  <b>Amantha Thathiah, PhD – Moderator</b>  <i>Assistant Professor</i>  <i>Department of Neurobiology</i>  <i>University of Pittsburgh</i></p>	<p>3:45 – 4:15 p.m.</p>
<p><b>Break</b></p>	<p>4:15 – 4:30 p.m.</p>
<p><b>Special Featured Lecture</b>  <b>The Blood-Brain Barrier: Key to Brain Health and Disease</b>  <b>Berislav Zlokovic, MD, PhD</b>  <i>Chair and Professor of Physiology &amp; Neuroscience</i>  <i>Mary Hayley and Selim Zilkha Chair in Alzheimer's Disease Research</i>  <i>Director, Zilkha Neurogenic Institute</i>  <i>University of Southern California Keck School of Medicine</i></p>	<p>4:30 – 5:30 p.m.</p>

**Closing Remarks**

**5:30 p.m.**

**Arthur S. Levine, MD**

*Senior Vice Chancellor for Health Sciences*

*John and Gertrude Petersen Dean, University of Pittsburgh*

*School of Medicine*

**Adjournment & Networking Reception**

**6:00 p.m.**

This activity is approved for the following credit: *AMA PRA Category 1 Credit™, and ANCC.*