

The Student Chapter of the American Association of  
Pharmaceutical Scientists (AAPS)  
at the University of Tennessee Health Science Center  
And  
The University of Tennessee College of Pharmacy  
Presents



**May 9 to 11**  
**Memphis, TN**

# Agenda

**Note:** All events, except the social event, will take place at the College of Pharmacy, UTHSC.

Address: 881 Madison Avenue, Memphis, TN 38163

## Day 1: Friday, May 9 | 2:00 – 9:00 PM

2 - 4 PM	Registration
4:00 - 4:15 PM	Opening Session
4:15 - 5:15 PM	Keynote Speaker 1 <b>Russell Weiner, PhD</b> President, American Association of Pharmaceutical Scientists <i>"Challenges of Conducting Clinical Trials in Low- and Middle-Income Countries: Case Studies on the Importance of Preanalytics"</i>
5:15 - 5:30 PM	Coffee break
5:30 - 7:00 PM	Podium Session 1
5:30 PM	<b>Uma S. Singh, PhD</b> Abstract ID- PD2025002 University of Georgia <i>"POM-L-BH DU-MP, a Potent Nucleotide to Treat Shingles Oral and Genital Herpes"</i>
6:00 PM	<b>Ashish Srivastava, PhD</b> Abstract ID- PD2025008 University of Tennessee Health Science Center <i>"Exposure Response Assessment of a Novel, Directly Acting Antiviral, BDGR-251, in EEEV Infected Mice"</i>
6:30 PM	<b>Samaneh Goorani, PhD</b> Abstract ID- PD2025001 University of Arkansas for Medical Sciences <i>"Novel eicosanoid-targeting compounds protect rat kidney epithelial and glomerular cells from damage during cold storage in organ transplant solutions"</i>
7:00 – 9:00 PM	Dinner & Fun activity

**Day 2: Saturday, May 10 | 8 AM – 5 PM**

7:00 – 8:15 AM	Breakfast
8:15 – 8:30 AM	Morning Address
8:30 – 9:30 AM	<p>Keynote Speaker 2  <b>Donghua Yin, PhD</b>  Vice President and Head of Clinical Pharmacology, Pfizer Oncology Division  <i>"Applications of Model-Informed Drug Development in Oncology"</i></p>
9:30 - 9:40 AM	Coffee break
9:40 – 11:40 AM	Podium Session 2
9:40 AM	<p><b>Ramya Bandarupalli</b>  Abstract ID- PP2025012  University of Mississippi  <i>"Molecular Dynamics Simulations and Ensemble Docking for Accurate Prediction of hERG Channel Blockade"</i></p>
10:00 AM	<p><b>Ben Blackburn</b>  Abstract ID- PP2025001  University of Georgia  <i>"The Impact of Thiamine insufficiency on Alzheimer's Pathology using a 3xTG Transgenic Mouse Model and Graded Levels of Thiamine"</i></p>
10:20 AM	<p><b>Tsigereda Weldemichael</b>  Abstract ID- PS2025002  University of Arkansas for Medical Sciences  <i>"8,9-EET Analogs Against Doxorubicin-Induced Podocyte Loss"</i></p>
10:40 AM	<p><b>Jemima Sani</b>  Abstract ID- PS2025009  University of Georgia  <i>"Reinvigorating Exhausted Tumor-Infiltrating Human Lymphocytes (TILs) Using Novel Calcium Nanoparticles in 3D Patient-Derived Tumor Organoids and PDX Mice Models."</i></p>
11:00 AM	<p><b>Ishita Kathuria</b>  Abstract ID- PD2025004  University of Tennessee Health Science Center  <i>"Myeloid Cell Lgr4 Contributes to Atherosclerotic Lesion Formation"</i></p>
11:20 AM	<p><b>Tzu-Yu Huang</b>  Abstract ID- PD2025007  University of Tennessee Health Science Center  <i>"Thiol-mediated Photocatalytic Hydrocarboxylation of gem-Difluoroalkenes"</i></p>
11:45 – 12:00 PM	Poster Setup
12:00 – 2:00 PM	Lunch and Poster Session

2:00 – 3:00 PM	<p>Keynote Speaker 3</p> <p><b>Aseem Ansari, PhD</b></p> <p>Chair, Chemical Biology &amp; Therapeutics, St. Jude Children's Research Hospital</p> <p><i>“Chemical Induced Proximity in the Development of New Therapeutics”</i></p>
3:00 – 5:00 PM	Podium Session 3
3:00 PM	<p><b>Yasmin Anderson</b></p> <p>Abstract ID- PP2025002</p> <p>University of Georgia</p> <p><i>“Thiamine Supplementation Exerts Neuroprotection Against Hif1a-Mediated Toxicity From A<sup>2</sup>1-42”</i></p>
3:20 PM	<p><b>Daniel Okwudili Nnamani</b></p> <p>Abstract ID- PP2025006</p> <p>University of Tennessee Health Science Center</p> <p><i>“Pregnane X receptor deficiency mitigates type 2 diabetes induced by high-fat diet and streptozotocin in male C57BL/6J mice”</i></p>
3:40 PM	<p><b>Elizabeth Hughes</b></p> <p>Abstract ID- PP2025004</p> <p>University of Georgia</p> <p><i>“Development of a Time-based Drug Screening Platform for Improved Clinical Translation”</i></p>
4:00 PM	<p><b>Lidya Gebreyesus</b></p> <p>Abstract ID- PP2025009</p> <p>University of Tennessee Health Science Center</p> <p><i>“PXR Deletion Mitigates MAFLD in Female Mice by Enhancing Energy Expenditure and Mitochondrial Function”</i></p>
4:20 PM	<p><b>Md Abdullah Al Mamun</b></p> <p>Abstract ID- PP2025010</p> <p>University of Tennessee Health Science Center</p> <p><i>“VERU-111: A Promising Novel Therapeutic for Colorectal Cancer”</i></p>
4:40 PM	<p><b>Saloni Sood</b></p> <p>Abstract ID- PS2025003</p> <p>University of Arkansas for Medical Sciences</p> <p><i>“Design and Development of a Novel Benzo[d]imidazole Derivative NG-02 Against Estrogen Receptor Alpha (ER<sup>±</sup>)-Positive Breast Cancer”</i></p>
6:00 - 9:00 PM	<p>Social Event and Dinner, at Memphis Made: 16 S Lauderdale St, Memphis, TN 38103</p>

**Day 3: Sunday, May 11 | 8:15 AM – Noon**

7:00 – 8:15 AM	Breakfast
8:15 – 8:20 AM	Morning Address
8:20 – 10:20 AM	Podium Session 4
8:20 AM	<b>Lindsay L. Davenport</b> Abstract ID- PP2025003 University of Georgia <i>"Understanding drug combinations displaying clinical synergy in colon cancer in vitro"</i>
8:40 AM	<b>Md Asaduzzaman Rakib</b> Abstract ID- PD2025006 University of Tennessee Health Science Center <i>"12/15-lipoxygenase inhibition after status epilepticus attenuates neuronal inflammation &amp; injury"</i>
9:00 AM	<b>Mir Shahriar Kamal</b> Abstract ID- PD2025003 University of Tennessee Health Science Center <i>"Discovery of Potent and Orally Bioavailable SERCA2 Activators for the Treatment of Ischemic Stroke-Related Brain Damage"</i>
9:20 AM	<b>Amin Akbari Ahangar</b> Abstract ID- PP2025011 University of Mississippi <i>"Impact of Pore-Facing Glycosylation on GABAA Receptor Gating"</i>
9:40 AM	<b>Stella Babatope</b> Abstract ID- PP2025005 University of Georgia <i>"Comparative Optimization of Chemotherapy Drugs in 2D and 3D PANC-1 Cells for Pancreatic Cancer Treatment"</i>
10:00 AM	<b>Mona Kazemi Sabzvar</b> Abstract ID- PD2025005 University of Tennessee Health Science Center <i>"Evaluation of U2AF Homology Motif (UHM) splicing factor inhibitors as a spliceosome-targeted therapy in hematologic malignancies"</i>
10:20 – 11:00 AM	Coffee break and Socializing
11:00 – 11:30 AM	Results and Awards Ceremony
11:30 – 12:00 PM	Closing Remarks
12:00 PM	Lunch and disperse