

**October 13, 2022**

**1:00pm - 3:45pm**

This event will be virtual



UT Southwestern Medical School  
and  
UT Southwestern Graduate School of  
Biomedical Sciences  
present the  
2022  
**New  
Faculty  
Research  
Forum**

Sponsored by The Office of Faculty Development &  
The Office of Women's Careers

**INTRODUCTION**

1:00 PM - 1:08 PM

**PART ONE FEATURED SPEAKERS:**

**[Sarah Shahmoradian, Ph.D.](#)**

1:08 PM - 1:23 PM

Center for Alzheimer's and Neurodegenerative Diseases  
*Resolving Molecular Structures of Neurodegenerative Protein  
Assemblies in Situ*

**[Haiyang Yu, Ph.D.](#)**

1:23 PM - 1:38 PM

Center for Alzheimer's and Neurodegenerative Diseases  
*The Princess and the P: TDP-43 Proteinopathy and P-bodies in  
Neurodegeneration.*

**[Allan-Hermann Pool, Ph.D.](#)**

1:38 PM - 1:53 PM

Neuroscience  
*Mapping and Re-engineering of Biological Drive Circuits*

**[Wenhao Zhang, Ph.D.](#)**

1:53 PM - 2:08 PM

Lydia Hill Department of Bioinformatics  
*Computational Neuroscience: Bridging the Neural  
Circuit and Cognition*

**BREAK**

2:10 PM - 2:25 PM

**PART TWO FEATURED SPEAKERS:**

**[Dan Tong, M.D., Ph.D.](#)**

2:25 PM - 2:40 PM

Internal Medicine  
*Atrial Myopathy: The Next Frontier*

**[Ayaz Najafov, Ph.D.](#)**

2:40 PM - 2:55 PM

Internal Medicine  
*Understanding Necroptosis to Enhance Anti-tumor Immunity*

**[Joshua Gruber, M.D., Ph.D.](#)**

2:55 PM - 3:10 PM

Internal Medicine  
*Epigenome Target Discovery for Cancer Therapies*

**[Robert Tower, Ph.D.](#)**

3:10 PM - 3:25 PM

Surgery  
*Multi-omics to Guide Cell Fate and Misfortunes*

**CLOSING REMARKS**

3:25 PM - 3:40 PM