

**October 18, 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:**

**Courtney Schroeder, Ph.D.**

1:08 PM - 1:23 PM

Pharmacology

*Evolutionary Diversification Reveals Novel Biological Functions for Cytoskeletal Proteins*

**Boyuan Wang, Ph.D.**

1:23 PM - 1:38 PM

Pharmacology

*Probing Non-covalent Interactions in Diverse Bacterial Lineages*

**Chen Yao, Ph.D.**

1:38 PM - 1:53 PM

Immunology

*Understanding T Cell Immunity Against Infection and Cancer Using a Systems Biology Approach*

**Yuki Obata, Ph.D.**

1:53 PM - 2:08 PM

Immunology

*Environmental Programming of Neural Circuits Linking the Gut and Brain*

**Tuoqi Wu, Ph.D.**

2:10 PM - 2:25 PM

Immunology

*Transcriptional Regulation of T Cell Immunity*

**BREAK**

2:25 PM - 2:40 PM

**PART TWO FEATURED SPEAKERS:**

**Nan Li, Ph.D.**

2:40 PM - 2:55 PM

Advanced Imaging Research Center

*Toward Genetically Targeted fMRI for Whole Brain Imaging in Rodents*

**Kevin Forsberg, Ph.D.**

2:55 PM - 3:10 PM

Microbiology

*Revealing the Hidden World of Bacterial Defense Systems and Phage Counter-defenses*

**Sihan Wu, Ph.D.**

3:10 PM - 3:25 PM

Children's Medical Center Research Institute at UT Southwestern  
*Molecular Mechanisms and Dependencies of Extrachromosomal DNA in Cancer*

**CLOSING REMARKS**

3:25 PM - 3:40 PM