



# Molecular Pharmacology & Chemical Biology Programs

## RESEARCH SEMINAR SERIES

Click here to register to attend the Molecular Pharmacology & Chemical Biology Research Seminars:

[https://meetmsk.zoom.us/webinar/register/WN\\_f4AnRNpoQqOWAPWSgaSpdg](https://meetmsk.zoom.us/webinar/register/WN_f4AnRNpoQqOWAPWSgaSpdg)

Password: rss

After registering, you will receive a confirmation email with the link to join the webinar.  
Registration is only required once for all seminars.

---

### Self-Assembly of Nanoscale Architectures with DNA

#### Grigory Tikhomirov, Ph.D.

Senior Postdoctoral Scholar  
Biology & Biological Engineering Department  
California Institute of Technology  
Pasadena, CA  
Starting as an Assistant Professor of Electrical Engineering and Computer  
Science at the University of California, Berkeley in Summer 2021

**Tuesday, September 29, 2020**

4:00 PM – 5:00 PM  
Zoom Webinar  
Host: Dr. Alex Kentsis

---

### Spying on Cellular Communication with Chemical Tools and Noninvasive Imaging

#### Jennifer A. Prescher, Ph.D.

Professor of Chemistry, Molecular Biology, Biochemistry,  
and Pharmaceutical Sciences  
Department of Chemistry  
University of California, Irvine  
Irvine, CA

**Tuesday, October 13, 2020**

4:00 PM- 5:00 PM  
Zoom Webinar  
Host: Dr. Yueming Li

---

### OligoTEAs: A Platform for the Design and Quantification of Multifunctional Antibody Drug Carriers

#### Christopher Alabi, Ph.D.

Assistant Professor  
Nancy and Peter Meinig Family Investigator in Life Sciences  
Robert Frederick Smith School of Chemical and Biomolecular Engineering  
Cornell University  
Ithaca, NY

**Tuesday, October 27, 2020**

4:00 PM – 5:00 PM  
Zoom Webinar  
Host: Dr. Daniel Heller

---

### Next Generation Proteomic Tools for Understanding Modified Proteins and Proteomes

#### Benjamin Garcia, Ph.D.

Presidential Professor of Biochemistry and Biophysics  
Director of Quantitative Proteomics  
John McCrea Dickson M.D. Presidential Professor  
University of Pennsylvania  
Philadelphia, PA

**Tuesday, November 10, 2020**

4:00 PM – 5:00 PM  
Zoom Webinar  
Host: Dr. Yael David

---

## Diet and Metabolic Therapeutics in Cancer

### Jason Locasale, Ph.D.

Associate Professor  
Department of Pharmacology and Cancer Biology  
Duke University  
School of Medicine  
Durham, NC

**Tuesday, November 24, 2020**

4:00 PM – 5:00 PM  
Zoom Webinar  
Host: Dr. Kayvan Keshari

---

## Targeted Therapeutics for Triple Negative Breast Cancer

### Debra Auguste, Ph.D.

Professor  
Department of Chemical Engineering  
Northeastern University  
Boston, MA

**Tuesday, December 8, 2020**

4:00 PM – 5:00 PM  
Zoom Webinar  
Host: Dr. Gabriela Chiosis

---

## Selective Halogenation and the Study of Noncanonical Membrane Lipids

### Noah Zachary Burns, Ph.D.

Associate Professor  
Department of Chemistry  
Stanford University  
Stanford, CA

**Tuesday, January 12, 2021**

4:00 PM – 5:00 PM  
Location: TBA  
Host: Dr. Derek Tan

---

## A Chemical Biology Toolbox for RNA Post-Transcriptional Modification and Capture

### Jennifer Heemstra, Ph.D.

Associate Professor  
Department of Chemistry  
Emory University  
Atlanta, GA

**Tuesday, February 9, 2021**

4:00 PM – 5:00 PM  
Location: TBA  
Host: Dr. Yael David

---

## Cancer and the Dark Side of Healing Power

### Ilaria Malanchi, Ph.D.

Group Leader  
Francis Crick Institute, London  
London, UK

**Tuesday, March 9, 2021**

4:00 PM – 5:00 PM  
Location: TBA  
Host: Dr. Karuna Ganesh

---

## Single Cell Genomics

### Stephen Quake, Ph.D.

Co-President, Chan Zuckerberg Biohub  
Lee Otterson Professor of Bioengineering and Applied Physics  
Stanford University  
Stanford, CA

**Tuesday, March 23, 2021**

4:00 PM – 5:00 PM  
Location: TBA  
Host: Dr. Kayvan Keshari

---

## Academic Drug Discovery and Chemical Biology of Chromatin Regulation

### Stephen Frye, Ph.D.

Fred Eshelman Distinguished Professor  
Center for Integrative Chemical Biology and Drug Discovery  
Co-Program Leader, Lineberger Comprehensive Cancer Center  
The University of North Carolina at Chapel Hill  
Chapel Hill, NC

**Tuesday, April 6, 2021**

4:00 PM – 5:00 PM  
Location: TBA  
Host: Dr. Minkui Luo

---

## Biocatalysis and Complex Molecule Synthesis

### Alison Narayan, Ph.D.

Assistant Professor  
Department of Chemistry  
University of Michigan  
Ann Arbor, MI

**Tuesday, April 20, 2021**

4:00 PM – 5:00 PM  
Location: TBA  
Host: Dr. Daniel Bachovchin

---

TBA

### Duane Mitchell, M.D., Ph.D.

Phyllis Kottler Friedman Professor in the Department of Neurosurgery  
Director of the UF Brain Tumor Immunotherapy Program  
Co-Director of the Preston A. Wells Jr. Center for Brain Tumor Therapy  
Assistant Vice President for Research at the University of Florida  
Associate Dean for Translational Science and Clinical Research  
University of Florida Health  
Gainesville, FL

**Tuesday, May 4, 2021**

4:00 PM – 5:00 PM  
Location: TBA  
Host: Dr. Jason Lewis

---

## Nanotechnology Approaches for Drug Delivery to the Brain

### Jiangbing Zhou, Ph.D.

Associate Professor  
Departments of Neurosurgery and Biomedical Engineering  
Yale School of Medicine  
New Haven, CT

**Tuesday, June 1, 2021**

4:00 PM – 5:00 PM  
Location: TBA  
Host: Dr. Daniel Heller

---

**TBA**

**Sanjay Kumar Jain, MBBS, M.D.**

Director, Center for Infection and Inflammation Imaging Research  
Professor of Pediatrics  
John Hopkins University  
Baltimore, MD

**Tuesday, June 15, 2021**

4:00 PM – 5:00 PM  
Location: TBA  
Host: Dr. Jan Grimm

---

**Interdisciplinary Approaches to Reveal Plasmodium Parasite Vulnerabilities**

**Emily R. Derbyshire, Ph.D.**

Assistant Professor  
Department of Chemistry  
Duke University  
Durham, NC

**Tuesday, June 29, 2021**

4:00 PM – 5:00 PM  
Location: TBA  
Host: Dr. Derek Tan

---

**SKI Administration**

For additional information, please contact the Molecular Pharmacology & Chemical Biology Coordinator,  
Jocette Marquez at Marquez at [marquezj@mskcc.org](mailto:marquezj@mskcc.org)