

Molecular Pharmacology & Chemical Biology Programs

Research Seminar Series

The Mevalonate Pathway: A Rational Target to Enhance Efficacy of BH₃ Mimetics in Blood Cancer

David Fruman, Ph.D.

Professor, Department of Molecular Biology & Biochemistry
Associate Director, Cancer Research Institute
University of California, Irvine
Irvine, CA

Wednesday, September 26, 2018

4:00 PM – 5:00 PM

M-107

Host: Dr. Michael Kharas

Mighty Chemistry of Bacterial Small Molecules

Bo Li, Ph.D.

Assistant Professor
Department of Chemistry
University of North Carolina at Chapel Hill
Chapel Hill, NC

Tuesday, October 9, 2018

4:00 PM – 5:00 PM

ZRC-105

Host: Dr. Derek Tan

Drug Discovery in Academia: Some Success Stories

Michael Jung, Ph.D.

Distinguished Professor
Department of Chemistry
University of California, Los Angeles
Los Angeles, CA

Monday, October 22, 2018

4:00 PM – 5:00 PM

ZRC-105

Host: Dr. Gabriela Chiosis

Redefining Druggability Using Chemoproteomic Platforms

Daniel K. Nomura, Ph.D.

Associate Professor
Department of Nutritional Sciences and Toxicology
Department of Chemistry
Department of Molecular & Cell Biology
University of California, Berkeley
Berkeley, CA

Tuesday, November 6, 2018

3:00 PM – 4:00 PM

ZRC-105

Host: Dr. Alex Kentsis

Role of the m6A 'Epitranscriptome' in Gene Regulation and Cancer

Richard Gregory, Ph.D.

Professor
Department of Biological Chemistry and Molecular Pharmacology
Department of Pediatrics
Harvard Medical School
The Stem Cell Program at Boston Children's Hospital
Boston, MA

Tuesday, November 27, 2018

4:00 PM – 5:00 PM

M-107

Host: Dr. Michael Kharas

Chemical Interventions in Cellular Stress Pathways

Peter Wipf, Ph.D.

Director of the Combinatorial Chemistry Center
Professor of Pharmaceutical Sciences
Professor of Bioengineering
Co-Leader of the Cancer Therapeutics Program
University of Pittsburgh
Pittsburgh, PA

Tuesday, December 18, 2018

4:00 PM – 5:00 PM

ZRC-105

Host: Dr. Derek Tan

Polymer Nanoparticles for Intracellular and Targeted Delivery of Drugs and Biologics

W. Mark Saltzman, Ph.D.

Goizueta Foundation Professor of Chemical & Biomedical Engineering
Professor of Cellular & Molecular Physiology
Professor of Dermatology
Head of College, Jonathan Edwards College
Yale University
New Haven, CT

Tuesday, January 29, 2019

4:00 PM – 5:00 PM

ZRC-105

Host: Dr. Daniel Heller

Targeting Structurally and Functionally Diverse Nucleic Acids with Druglike Small Molecules

John S. Schneekloth, Jr., Ph.D.

Head, Chemical Genetics Section
Principal Investigator
National Cancer Institute, Center for Cancer Research
Frederick, MD

Tuesday, February 26, 2019

4:00 PM – 5:00 PM

ZRC-105

Host: Dr. Yael David

Imaging Tumor Metabolism and Heterogeneity with MRI

Ferdia Aidan Gallagher, Ph.D.

Cancer Research UK (CRUK) Clinician Scientist
Department of Radiology
University of Cambridge
Cambridge, United Kingdom

Tuesday, March 12, 2019

4:00 PM – 5:00 PM

ZRC-105

Host: Dr. Jan Grimm

Spying on Cellular Communication with Chemical Tools and Noninvasive Imaging

Jennifer Prescher, Ph.D.

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

Tuesday, March 26, 2019

4:00 PM – 5:00 PM

RRL-Auditorium

Host: Dr. Yueming Li

Global Analysis of Proteolysis in Cancer and Infectious Disease

Charles S. Craik, Ph.D.

Co-Director, Chemistry and Chemical Biology Graduate Program
Department of Pharmaceutical Chemistry
University of California, San Francisco
San Francisco, CA

Tuesday, April 9, 2019

4:00 PM – 5:00 PM

ZRC-105

Host: Dr. Daniel Bachovchin

TBA

Stephen Quake, Ph.D.

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

Thursday, April 18, 2019

3:00 PM – 4:00 PM

ZRC-Auditorium

Host: Dr. Kayvan Keshari

RNA Modifications: Their Function and Role in Cancer

Tony Kouzarides, FMedSci, FRS

Director, The Milner Institute
Deputy Director, The Gurdon Institute
University of Cambridge
Cambridge, United Kingdom

Tuesday, May 7, 2019

4:00 PM – 5:00 PM

RRL-116

Host: Dr. Minkui Luo

Protein and Small Molecule Engineering Towards a Programmable Chromatin Landscape

Kabirul Islam, Ph.D.

Assistant Professor
Department of Chemistry
University of Pittsburgh
Pittsburgh, PA

Tuesday, May 21, 2019

4:00 PM – 5:00 PM

ZRC-105

Host: Dr. Minkui Luo

Chemical Genetic Approaches for Targeting RAS-mutant Cancers

Arvin Dar, Ph.D.

Assistant Professor
Department of Oncological Sciences
Department of Pharmacological Sciences
The Tisch Cancer Institute
The Icahn School of Medicine at Mount Sinai
New York, NY

Thursday, May 23, 2019

4:00 PM – 5:00 PM

M-107

Host: Dr. Daniel Heller

Breaking Down Bacterial Cell Walls to Understand Inflammation

Catherine L. Grimes, Ph.D.

Assistant Professor
Department of Chemistry and Biochemistry
Department of Biological Sciences
University of Delaware
Newark, DE

Tuesday, June 4, 2019

4:00 PM – 5:00 PM

ZRC-105

Host: Dr. Daniel Bachovchin

Developing T-cell Therapy for the Masses

Matthias Stephan, M.D., Ph.D.

Associate Member
Immunology Program
Fred Hutchinson Cancer Research Center
Seattle, WA

Tuesday, June 18, 2019

4:00 PM – 5:00 PM

RRL-Auditorium

Host: Dr. David Scheinberg

ALL SEMINARS ARE PRECEDED BY A TEA

SKI Administration

For additional information, please contact the Molecular Pharmacology & Chemical Biology Coordinator,
Jocette Marquez at marquezj@mskcc.org.

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