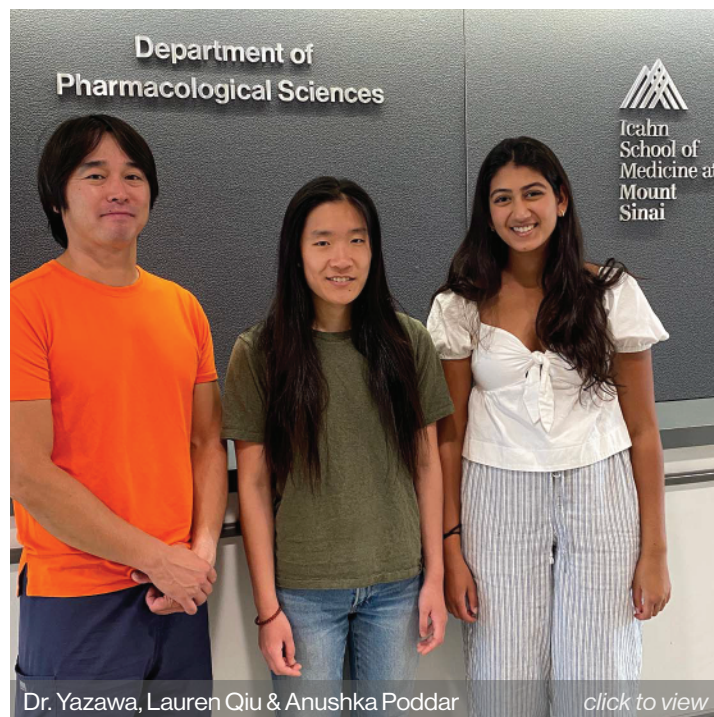


WELCOMING THE YAZAWA LABORATORY

Dr. Masayuki Yazawa has joined our Department at Mount Sinai as an Associate Professor of Cell and Molecular Pharmacology in July 2023. He received his PhD degree in Pharmaceutical Science from Kyoto University (Japan) in 2007 and conducted his postdoctoral study at Stanford University School of Medicine before he established his independent research lab as an Assistant Professor at Columbia University Medical Center in 2013. A well-recognized investigator in cardiovascular research, Dr. Yazawa's study focuses on elucidation of the signaling mechanisms that regulate cardiovascular development and function and on identification of the cellular defects that underlie cardiovascular diseases. The ultimate goal of his work is to develop new drugs to save the patients' life. To achieve these goals, Dr. Yazawa utilizes combined technologies including medicinal chemistry, structural biology, synthetic biology, systems pharmacology, proteomics, live cell imaging, electrophysiology, and rodent and human induced pluripotent stem cell (iPSC) models of cardiovascular diseases. Dr. Yazawa has built a productive research program as illustrated by his ability to secure funding from NIH and other foundations, and regularly publish his work in the top-tier journals including *Nature* (2007, 2011), *Science Transl. Med.* (2012), *Nucleic Acid Res.* (2017), *Nature Commun.* (2020); and *Nature Cardiovasc. Res.* (2022). We welcome Dr. Yazawa and his team to Mount Sinai and wish them continued success in science.



DR. GOLDFARB RETIRING AFTER 50 YEARS

Prof. Joseph Goldfarb retired in spring 2023 after his remarkable 50-year academic career as a researcher and educator at the Icahn School of Medicine at Mount Sinai. Dr. Goldfarb is a research expert in the field of neuropharmacology and system biology. His earlier work includes the study of serotonin function in brain through characterization of 5-HT₃ receptor-mediated release of dopamine and non-epinephrine in striatum and hypothalamus, respectively. He played an important role in training of the next generation of scientists and physician scientists at Mount Sinai. He served as a Program Director for the NIH Postdoctoral Training Program in Pharmacology of Drugs of Abuse and a Course Director on Pharmacology for medical students. He received many honors and awards including Lifetime Achievement in Teaching Award from Mount Sinai Institute for Medical Education (2004), Mount Sinai Student Council Lifetime Achievement Award (2007), Mount Sinai Alumni Award for Achievement in Medical Education (2009), and Dean's Award for Excellence in Teaching (2010). Please join us in thanking Prof. Joseph Goldfarb for his enormous services and contributions Mount Sinai. We wish him a long, happy, and healthy retirement.



NEW GRANTS

Lakshmi Devi, Elyssa Margolis, & Manojkumar Akkappillil Puthenveedu, MPIs "Regulation Of Opioid Receptor Signaling by Endogenous Peptides" R01, NIDA, 04/2023-01/2028, \$2,997,955

Ming-Ming Zhou & Ka Lung Cheung, MPIs, "Mechanism of Transcriptional Regulation of Th2 Cell Development", R01, NIAID, 06/2023-05/2028, \$3,388,795

Lakshmi Devi, Daniel Wacker, Ivone Gomes, Lloyd Fricker, & Elyssa Margolis, MPIs "Enhancement of the endogenous opioid system by ketamine" R01, NIDA, 07/2023-04/2027, \$2,263,308

David Bechhofer, PI, "YloC, a new ribonuclease of Bacillus subtilis" R01, NIGMS, 08/2023-04/2027, \$1,419,600

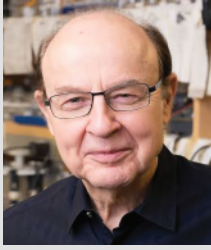
Jian Jin, PI, "Novel Inhibitors of Lysine Methyltransferases G9a and GLP for the Treatment of Alzheimer's Disease" R01, NIA, 09/2023-06/2028, \$3,309,300.

Sander Houten, **Robert J DeVita & Michael Lazarus**, MPIs, "Allosteric regulation of lysine degradation as a novel pathophysiological mechanism in glutaric aciduria type 1" R01, NICHD, 09/2023-08/2028, \$3,628,155.

Avi Ma'ayan, PI, "The LINCS DCIC Engagement Plan with the CFDE" OT2, OD, 09/2023-09/2024, \$1,028,946

Lahouaria Hadri, PI, "ARID1a and Chromatin Landscape in Pulmonary Vascular Disease" R03, NCATS, 09/2023-08/2024, \$169,000.

EVENTS



THE 16TH ANNUAL RESEARCH RETREAT

Keynote: *“Transcriptional Regulatory Mechanisms in Animal Cells”*

Robert G. Roeder, PhD

Arnold and Mabel Beckman Professor
of Biochemistry and Molecular Biology
Laboratory of Biochemistry and Molecular Biology
The Rockefeller University

Location:

Hyatt Regency Hotel,
Old Greenwich, CT

Date:

September 11- 12, 2023

THE 23RD IRVING L SCHWARTZ LECTURE

Ian Wilson, PhD

Hansen Professor of Structural Biology
Chair of the Department of Integrative
Structural and Computational Biology
Scripps Research Institute



Tuesday, September 28, 2023

Hatch Auditorium, Guggenheim Pavilion

THE 16TH JACK PETER GREEN LECTURE

Andrej Sali, PhD

Associate Dean of Research,
Professor, Department of Bioengineering
and Therapeutic Sciences
University of California San Francisco



Tuesday, November 9, 2023

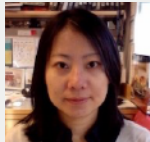
Hatch Auditorium, Guggenheim Pavilion

MEMBERS UPDATE

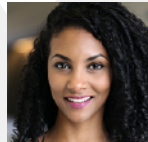
NEW MEMBERS



Eden Deng
Data Analyst
Maayan Lab



Jue Feng, PhD
Asst Professor
Yazawa Lab



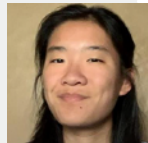
Aya Osman, PhD
Instructor
Devi Lab



Darya Vasilyeva
Assoc Researcher
Zaidi Lab



Alexandra Parpounas
Assoc Researcher
Wacker Lab



Lauren Qiu, PhD
Assoc Researcher
Yazawa Lab



Suhana Singh
Assoc Researcher
Schlessinger Lab

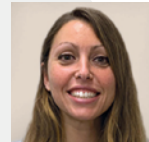


Masayuki Yazawa, PhD
Assoc Professor



Weibin Zhou, PhD
Asst Professor
Zaidi Lab

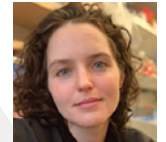
ALUMNI



Anna Cantalupo, PhD
Postdoc Fellow
Ramirez Lab



Brittney Crockett
Postdoc Fellow
Ramirez Lab



Heather Dahlin, PhD
Postdoc Fellow
Lazarus Lab



Arvin Dar, PhD
Professor



Jithesh Kottur, PhD
Instructor
Aggarwal Lab



Kevin Lau
Admin Asst
Admin Team



Kwang-su Park, PhD
Instructor
Jin Lab



Sari Miyashita, PhD
Postdoc Fellow
Zaidi Lab

SUMMER TRAINEES



Alexandra Agris
Bioinfo Trainee
Maayan Lab



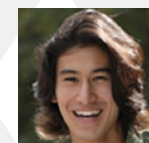
Gaurvi Awasthi
Bioinfo Trainee
Maayan Lab



Rhea Desai
Bioinfo Trainee
Maayan Lab



Nooha Kawsar
Bioinfo Trainee
Maayan Lab



Adam Lalani
Bioinfo Trainee
Maayan Lab



Hannah Lee
Bioinfo Trainee
Maayan Lab



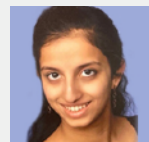
Lauren Malek
Bioinfo Trainee
Maayan Lab



Jacob Mayourian
Bioinfo Trainee
Maayan Lab



Osaiyekemwem Ogbemudia
Bioinfo Trainee
Maayan Lab



Shriya Rangaswamy
Bioinfo Trainee
Maayan Lab



Abigail Zaroff
Bioinfo Trainee
Maayan Lab



Mason Zhang
Bioinfo Trainee
Maayan Lab

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