## NIH DIRECTOR'S

## WEDNESDAY AFTERNOON LECTURE SERIES 2022-2023

2:00 p.m.-3:00 p.m. Lipsett Auditorium Building 10

## FALL 2022 -



SEPTEMBER 7, 2022 Rolla E. Dyer Lecture

Jill Banfield

Obligate Symbionts and
Other Intriguing Members
of Human Microbiomes



SEPTEMBER 14, 2022

Ambroise Wonkam

Harnessing African Genomic

Variation to Improve Health

Globally



WINTER 2022-2023 **→** 

DECEMBER 14, 2022

David Baker

Protein Design Using Deep Learning

\*Remote Lecture



JANUARY 11, 2023 **Rory Cooper** The Power of Assistive Technology to Transform Lives



SEPTEMBER 21, 2022

Judith Frydman

Molecular Origami: The Delicate
Art of Protein Folding and
Misfolding and Its Relevance to
Health and Disease



SEPTEMBER 28, 2022 NIH Director's Lecture **Tracy Johnson** The Secret Life of Introns



JANUARY 18, 2023 **Gerard Karsenty** Title To Be Announced



JANUARY 25, 2023 **Rotem Sorek** The Immune System of Bacteria: Beyond CRISPR



OCTOBER 12, 2022 Margaret Pittman Lecture **Gigi Lozano** Mutant p53 Activities in Mouse Tumor Models



OCTOBER 19, 2022 William E Paul Lecture Ron Germain Gaining New Insights into 'Fundamental Immunology' Using Imaging and Computation



FEBRUARY 1, 2023 **Helen Blau** Regenerating and Rejuvenating Aged Tissues by Targeting a Gerozyme



FEBRUARY 8, 2023

Guadalupe Ayala

Community-engaged

Approaches for Preventing and Controlling Obesity Among

U.S. Latinos/Hispanics



OCTOBER 26, 2022 NIH Director's Lecture Leslie B. Vosshall Bitten: Why Are Some People More Attractive to Mosquitoes Than Others?



NOVEMBER 2, 2022 Astute Clinician Lecture Steven Holland Anticytokine Autoantibodies; Causes, Concomitants and Complications of Infectious Diseases



FEBRUARY 22, 2023 Christopher Garcia 36 Views of Ligand-Receptor Interactions at the Cell Surface



NOVEMBER 16, 2022 Iqbal Hamza Hematology from the Ground-Up: Lessons from Bloodless Worms



NOVEMBER 30, 2022 DeWitt Stetten Jr. Lecture Sally L. Hodder Biomedical Research in Rural America: Much Accomplished, Much To Do



America: Much Accomplish
Much To Do

MARCH 8, 2023
NIH Director's Lecture

Kevan Shokat

Title To Be Announced



MARCH 13, 2023
Marshall W. Nirenberg Lecture
Ardem Patapoutian
How Do You Feel? The
Molecules That Sense Touch



MARCH 15, 2023 **Hao Wu** Inflammasomes at the Crossroads of Basic Science and Therapeutic Intervention



MARCH 22, 2023

Mary Mullins

BMP Morphogen Gradient
Formation, Interpretation, and
Signaling Mechanism

2023▶



MARCH 29, 2023 George Khoury Lecture Britt Glaunsinger Controlling the Message: Viral Manipulation of the Gene Expression Landscape



Myriam Gorospe
Florence Mahoney Lecture
on Aging
Wisdom on Aging from the
RNA World: Old Molecules in
Young Roles

APRIL 12, 2023



APRIL 19, 2023

Jessica Treisman

Differentiation of Neuronal and Non-Neuronal Components of the Drosophila Visual System



APRIL 26, 2023 **Liqun Luo** Wiring Specificity of Neural Circuits



MAY 3, 2023 Margaret Pittman Lecture Yukiko Yamashita Function of Junk: Satellite DNA in Cell Biology and Evolution



MAY 10, 2023

Zhijian "James"
Chen

Enemy Within: How DNA
Triggers an Immune Response



MAY 17, 2023 Robert S. Gordon Jr. Lecture



MAY 24, 2023

Irene Georgakoudi

Label-Free Monitoring of
Metabolic Function with
Micron-Scale Resolution: From
Mitochondria to Humans



MAY 31, 2023

Valerie Stone

Delays in Cancer Diagnosis:
What Do We Know and
What are the Important,
Unanswered Questions?





JUNE 7, 2023 G. Burroughs Mider Lecture Dan Kastner Title To Be Announced



JUNE 14, 2023 Manu Hegde How Cells Make Membrane Proteins





For up-to-date information, visit oir.nih.gov/wals WALSoffice@od.nih.gov 301-594-6747 Follow us on twitter: @NIHWALS



JUNE 21, 2023 **Harmit Malik**Rules of Engagement:

Molecular Arms-Races Between

Primate and Viral Genomes



JUNE 28, 2023 **Tobias Walther**The phase of fat: Mechanisms and Physiology of Lipid Storage