

WEDNESDAY AFTERNOON LECTURE SERIES 2017-2018

3:00 p.m.
Masur Auditorium
Building 10

September 2017



SEPTEMBER 27, 2017
NIH Director's Lecture (first of four)
Roderick MacKinnon
Biophysics and biology of K⁺ channels

October 2017



OCTOBER 11, 2017
Michal Schwartz
Systemic immunity protects the mind: Can immune checkpoint blockade combat Alzheimer's disease?



OCTOBER 18, 2017
Jennifer Manly
Deconstructing lifecourse mechanisms of Alzheimer's disease disparities



OCTOBER 25, 2017
DeWitt Stetten Jr. Lecture
Rommie Amaro
Computing cures: discovery through the lens of a computational microscope

November 2017



NOVEMBER 8, 2017
Morgan Sheng
From human genetics to therapeutic hypothesis for nervous system disorders: pain and Alzheimer's disease



NOVEMBER 14, 2017
Rob Knight
Establishing causality in microbiome studies
**Special Tuesday Lecture*



NOVEMBER 29, 2017
William Paul Lecture
Thomas Waldmann
The two faces of the IL-15- Janus Kinase-Stat system: implications for the immunotherapy of autoimmune diseases and cancer

December 2017



DECEMBER 6, 2017
Michael Elowitz
Cellular communication: how cells control who they're talking to and what they're saying



DECEMBER 13, 2017
Susan Ackerman
Translational fidelity and neurodegeneration

January 2018



JANUARY 10, 2018
Eric Pamer
Microbiota-mediated defense against antibiotic-resistant infections



JANUARY 24, 2018
William Kaelin
The VHL tumor suppressor: insights into oxygen sensing, cancer metabolism, and drugging the undruggable



JANUARY 31, 2018
NIH Director's Lecture (second of four)
Thomas Südhof
The molecular logic of synapse formation in the brain

February 2018



FEBRUARY 7, 2018
Astute Clinician Lecture
E. Dale Abel
Sugar and the beating heart: the conundrum of heart failure in diabetes



FEBRUARY 21, 2018
Emmanuelle Passagué
Hematopoietic stem cells in stress, disease, and aging



FEBRUARY 28, 2018
Lisa Barnes
Race, risk, and resilience: understanding racial differences in cognitive aging and brain pathology

March 2018



MARCH 7, 2018
Navdeep Chandel
Mitochondria control of physiology and disease: beyond ATP



MARCH 14, 2018
NIH Director's Lecture (third of four)
Fiona Powrie
Gut feelings: host microbiome interactions in health and disease



MARCH 21, 2018
De'Broski Herbert
LINGO proteins: a new language for the mucosal barrier



MARCH 28, 2018
Frederic Geissmann
Of bones, brain, and fat: macrophages and the control of homeostasis

April 2018



APRIL 11, 2018
G. Burroughs Mider lecture
Sriram Subramaniam
The cryo-EM revolution



APRIL 18, 2018
Ira Mellman
Mechanistic basis of cancer immunotherapy



APRIL 25, 2018
Rolla E. Dyer Lecture
Katherine Fitzgerald
Sensing from within: how the immune system discriminates friend from foe

May 2018



MAY 2, 2018
Margaret Pittman Lecture
Indira Raman
Cerebellar synaptic signaling as a metaphor for mentorship: how silence and speech get different deeds done



MAY 9, 2018
Florence Mahoney Lecture
Lennart Mucke
From genetics to therapeutics in Alzheimer's: accelerating translation, increasing success



MAY 16, 2018
Carl Nathan
Why the immune system needs us



MAY 23, 2018
Robert S. Gordon Lecture
Ana Diez Roux
Research on the social determinants of population health and the study of how neighborhoods affect health



MAY 30, 2018
George Khoury Lecture
Judy Lieberman
Killer lymphocytes, the new bug exterminators

June 2018



JUNE 13, 2018
NIH Director's Lecture (fourth of four)
Elizabeth Gould
Structural plasticity in the adult mammalian brain



JUNE 20, 2018
Yixian Zheng
Cell and genome organization in mitosis, development, and homeostasis



JUNE 27, 2018
Ellen Rothenberg
Decoding the genome regulatory program for T-cell identity



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