WEDNESDAY AFTERNOON LECTURE SERIES 2013-2014

3:00 p.m. Masur Auditorium Building 10

September 2013



SEPTEMBER 9, 2013 (Monday) **Cori Bargmann** Neuromodulatory circuits and motivated behavior



SEPTEMBER 11, 2013 **Jeffrey Esko** Proteoglycans: Arbiters of lipoprotein metabolism



SEPTEMBER 25, 2013 The Annual Robert S. Gordon Lecture

Moyses Szklo Epidemiology: Back to translation

October 2013



Taekjip Ha Genome maintenance up close and personal: Eavesdropping on single molecular conversations

OCTOBER 2, 2013



(Thursday) Special Director's Lecture Shinya Yamanaka Recent progress in iPS cell research

towards regenerative medicine

OCTOBER 3. 2013



OCTOBER 16, 2013 Joseph Gall Giant chromosomes and deep sequences: What the frog egg tells us about RNA transcription

OCTOBER 23, 2013 The Annual DeWitt Stetten, Jr., Lecture Ron Vale The mechanisms of cytoskeletal motor proteins



OCTOBER 30, 2013 The Annual George Khoury Lecture Carl Wu Chromatin structure and the

control of gene expression

November 2013



NOVEMBER 6, 2013 NIH Director's Lecture (first of three) **Erica Ollmann Saphire**

The structural basis of Ebola



NOVEMBER 13, 2013 **John Carpten** Comprehensive molecular profiling to support treatment recommendations for



NOVEMBER 20, 2013 Annual Astute Clinician Lecture **Marston Linehan** The genetic basis of kidney cancer: Targeting the metabolic basis of disease

December 2013



DECEMBER 4, 2013 Susan Rosenberg How bacteria and cancer cells regulate mutagenesis and their ability to evolve



DECEMBER 11, 2013 G. Burroughs Mider Lecture

Steve Holland The protean manifestations of GATA2 deficiency across the lifespan



DECEMBER 18, 2013 Clyde Yancy Patient-centered outcomes research: New directions, major challenges, transformative potential

January 2014



JANUARY 8. 2014 Jean-Laurant Casanova Toward a genetic theory of childhood infectious diseases



(second of three) **Elaine Fuchs** Skin stem cells in homeostasis,

wound-repair and cancer

JANUARY 15, 2014 NIH Director's Lecture



JANUARY 22, 2014 **Avery August** Nature versus nurture: Tuning CD8+ T cell responses



JANUARY 29, 2014 Robert Langer Biomaterials and biotechnology: Angiogenesis inhibitors, drug delivery systems, and tissue engineering

February 2014



FEBRUARY 5, 2014 Jenny Ting The broad impact of NLRs on immunity and beyond



FEBRUARY 12, 2014 Christine Seidman Congenital heart disease: Many genes lead to a broken heart



Flora Vaccarino Induced pluripotent stem cells and the impact of genomic variation on psychiatric disorders

FEBRUARY 19, 2014



FEBRUARY 26, 2014 NIH Director's Lecture (third of three) **Debra Silverman** The story of diesel exhaust

and lung cancer

March



MARCH 5, 2014 **Douglas Rees** Structural and mechanistic diversity of ABC transporters



The Annual Florence Mahoney Lecture **Shelley Berger** Lecture Title TBD

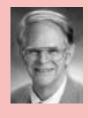


Margaret Pittman Lecture **Ana Maria Cuervo** Did you remember to take out the trash? Your cells sure did!



MARCH 26, 2014 Titia de Lange How telomeres solve the end-protection problem

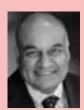
April



APRIL 2, 2014 **Douglas Wallace** A mitochondrial etiology of metabolic and degenerative diseases, cancer, and aging



APRIL 9, 2014 Jeannie Lee Epigenetic regulation by long noncoding RNAs



APRIL 16, 2014 Raju Kucherlapati Genetics of human cancer



APRIL 23, 2014 **Rachel Wong** Assembly, disassembly and reassembly of circuits



APRIL 30, 2014 **Peter Palese** Toward a universal influenza virus vaccine

Mav



MAY 7, 2014 Ulrike Heberlein Sex, flies and videotape: How social experience shapes behavior



MAY 14, 2014 The Annual R. E. Dyer Lecture Akiko Iwasaki Antiviral defense mechanisms

at the mucosal surfaces



MAY 21, 2014 **Ron Kahn** Lecture Title TBD



MAY 28, 2014 **Kaspar Locher** ABC transporters: Structures, functions, and reaction mechanisms

June



JUNE 4, 2014 **Karina Walters** Lecture Title TBD



JUNE 11, 2014 The Annual Marshall W. Nirenberg Lecture **Karl Deisseroth**

Optical deconstruction of fully-

assembled biological systems



JUNE 18, 2014 **Donald Ingber** Human organs on chips and programmable nanotherapeutics



JUNE 25, 2014 Jorge Galán Typhoid toxin: a window into the unique biology of Salmonella typhi



For more information: http://wals.od.nih.gov jacqueline.roberts@nih.gov 301-594-6747 Follow us on twitter: @NIHWALS