

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



OCTOBER 2, 2013

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



OCTOBER 3, 2013
(Thursday)

Special Director's Lecture
Shinya Yamanaka
Recent progress in iPS cell research
towards regenerative medicine



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
viral pathogenesis



NOVEMBER 13, 2013

John Carpten
Comprehensive molecular
profiling to support treatment
recommendations for
advanced cancer



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

The Annual
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



JANUARY 15, 2014

NIH Director's Lecture
(second of three)
Elaine Fuchs
Skin stem cells in homeostasis,
wound-repair and cancer



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



FEBRUARY 19, 2014

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



FEBRUARY 26, 2014

NIH Director's Lecture
(third of three)
Debra Silverman
The story of diesel exhaust
and lung cancer

March 2014



MARCH 5, 2014

Douglas Rees
Structural and mechanistic
diversity of ABC transporters



MARCH 12, 2014

The Annual
Florence Mahoney Lecture
Shelley Berger
Lecture Title TBD



MARCH 19, 2014

The Annual
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 2014



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
in the retina



APRIL 30, 2014

Peter Palese
Toward a universal influenza
virus vaccine

May 2014



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 2014



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
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