RECIPIENTS OF THE ABRAHAM SPECTOR PRIZE

2006 | Arne Holmgren, PhD
2008 | Steven L. Knight, PhD
2010 | Inder Verma, PhD
2012 | Cynthia Kenyon, PhD
2014 | Clifford Tabin, PhD
2016 | David J. Anderson, PhD

THE SEVENTH
Abraham Spector Prize Lecture

1 p.m. | Thursday, October 4, 2018

KEYNOTE / GUEST SPEAKER

David M. Sabatini, MD, PhD
Howard Hughes Medical Institute, Chevy Chase, MD

The Roy and Diana Vagelos Education Center
Columbia University Irving Medical Center
THE SEVENTH
Abraham Spector Prize Lecture

A 47-year relationship with Columbia University began soon after Abraham Spector, PhD, arrived from Harvard University in 1965. He was promoted to Professor of Ophthalmic Biochemistry in 1973 and served as Research Director of the Department of Ophthalmology for one year in 1989, and later from 1996 until his retirement in 2004. A recipient of the 1996 Malcom P. Aldrich Research Professorship, Dr. Spector became Professor Emeritus in 2004. As a longtime leader in the Eye Research field, he served the NEI as Chairman of the Board of Scientific Advisors, the National Plan, and the Visual Science Study Section. He was president of ARVO and a visiting professor at universities far and wide.

Dr. Spector’s laboratory was internationally recognized for its work on the lens of the eye. The group’s work covered a number of areas related to the proteins of the lens, aging, transparency, the mechanism of cataract formation, metabolism and cell biology of the lens. Other investigations focused on approaches to prevent cataract and oxidative stress related eye diseases. His research earned him many awards including Guggenheim and Fulbright Fellowships, the Proctor Medal of ARVO, honorary doctorates, as well as significant research awards. Dr. Spector passed away in April 2016.

GUEST SPEAKERS

Lois Smith, MD, PhD
Professor of Ophthalmology
Harvard Medical School
Boston Children’s Hospital

James Hurley, PhD
Professor of Biochemistry
Department of Biochemistry
University of Washington

Douglas C. Wallace, PhD
Director, the Center for Mitochondrial and Epigenomic Medicine (CMEM)
Children’s Hospital of Philadelphia Research Institute

KEYNOTE SPEAKER: David M. Sabatini, MD, PhD

Dr. David Sabatini is a member of the Whitehead Institute for Biomedical Research, a Professor of Biology at MIT, an HHMI investigator, a Senior Associate Member at the Broad Institute, a member of the Koch Institute for Integrative Cancer Research, and an American Cancer Society Research Professor.

David and his lab have broad interests in the regulation of growth and metabolism in mammals. One major area of interest is the mTOR pathway, a key regulator of growth in many eukaryotic species. Another is the role of metabolism in cancer, and the mechanisms controlling the effects of dietary restriction on tumorigenesis.

ABRAHAM SPECTOR PRIZE LECTURE AND SYMPOSIUM

SPONSORING DEPARTMENTS: Ophthalmology and Pathology & Cell Biology

SYMPOSIUM: METABOLOMICS
MODERATOR: David M. Sabatini, MD, PhD

1:00–1:15 p.m. Welcome
George (Jack) Cioffi, MD, Chair of Ophthalmology
Janet R. Sparrow, PhD, Anthony Donn Professor of Ophthalmic Sciences

1:15–1:40 p.m. Lois Smith, MD, PhD
“Regulation of Retinal Angiogenesis by Lipid and Glucose Metabolism”

1:40–1:50 p.m. Discussion

1:50–2:15 p.m. James Hurley, PhD
“The Retina as a Metabolic Ecosystem”

2:15–2:25 p.m. Discussion

2:25–3:00 p.m. Douglas Wallace, PhD
“Mitochondria Dysfunction in Neuro-Ophthalmological Disease”

2:50–3:00 p.m. Discussion

3:00–3:30 p.m. Intermission

The cafeteria is located on the first floor

ABRAHAM SPECTOR PRIZE LECTURE

3:30–3:35 p.m. Ode to Abe Spector
Stanley Chang, MD

3:35–3:45 p.m. Introduction of Key Note Speaker
Janet R. Sparrow, PhD

3:45–4:45 p.m. Spector Prize Lecture
David M. Sabatini, MD, PhD
“mTOR and Lysosomes in Growth Control”

4:45–5:00 p.m. Abraham Spector Prize Presentation
George A. Cioffi, MD

5:00–6:30 p.m. Reception
The reception will be held at VEC Milstein Family Lobby

Roy and Diana Vagelos Education Center, 104 Haven Avenue, VEC 201, New York, NY 10032