

37TH ANNUAL ALEXANDER S. WIENER LECTURE

 **New York** *Blood Center*

INSIGHTS INTO HEMATOPOIESIS VIA GENETIC BARCODING

PRESENTED BY
CYNTHIA E. DUNBAR, MD
Head, Molecular Hematopoiesis Section
Hematology Branch
National Heart, Lung, and Blood Institute
National Institutes of Health

FRIDAY
OCTOBER 2, 2015
3:00-4:00 PM
RECEPTION TO FOLLOW

NEW YORK BLOOD CENTER
MURRAY SARGENT AUDITORIUM
310 EAST 67TH STREET
NEW YORK, NY

WELCOME

Mohandas Narla, DSc

Vice President
Lindsley F. Kimball Research Institute
New York Blood Center

ALEXANDER S. WIENER LECTURE

Insights Into Hematopoiesis Via Genetic Barcoding

Cynthia E. Dunbar, MD

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Q&A SESSION

Cynthia E. Dunbar, MD

AWARD PRESENTATION

Christopher D. Hillyer, MD

Mohandas Narla, DSc

RECEPTION

Lower Level Conference Room

CYNTHIA E. DUNBAR, MD

**National Heart, Lung, and Blood Institute
National Institutes of Health, Bethesda, MD**

**Past Editor-in-Chief, BLOOD journal
American Society of Hematology**



Dr. Dunbar has pursued a career encompassing clinical investigation and patient care, basic science, and education/administration. As a translational research scientist, she has made important findings in stem cell biology, leukemogenesis and gene therapy, focusing on large animals to provide insights not possible using murine or in vitro models. She has also led important clinical trials in gene therapy, transplantation, autoimmune disease, and bone marrow failure. She has published over 225 articles in peer-reviewed journals, and served as the principle investigator on numerous clinical protocols.

She graduated from Harvard College with a degree in History of Science, and from Harvard Medical School magna cum laude. Following internal medicine training at Boston City Hospital, she started at the NIH as a postdoctoral research fellow, and following one further year of clinical training in hematology at University of California, San Francisco, she returned to the NIH to set up her own research program. She was elected to the American Society for Clinical Investigation and the American College of Physicians. She has been active in major professional societies, including service on the executive committee of the American Society of Hematology, and is President-Elect of the American Society for Cell and Gene Therapy. She served for ten years as an Associate Editor of the premier hematology journal BLOOD, and was named Editor-in-Chief in 2007, the first woman to serve in this position, recently completing her five-year term.

She has shown great commitment to education and career development of physician-scientists, running the NIH fellowship program for 17 years and serving as the chair of the NIH ACGME committee. She is a faculty member for an international training program in translational medicine, and on the board of the NIH Medical Student Training Program. She has been a leader in efforts to improve intramural through her service on various committees and as a founding member and Co-Chair of the NIH Assembly of Scientists. She has received numerous teaching and mentoring awards from NHLBI, NIH and her professional societies. She lives in Washington, DC with her husband, having recently launched her two daughters onto college, and relaxes by performing and listening to classical music, hiking and rowing.

**ALEXANDER SOLOMON WIENER, MD
1907-1976**



Dr. Alexander Solomon Wiener is recognized internationally for his significant contributions to medicine. He was an outstanding leader in the fields of forensic medicine, serology, and immunogenetics. His pioneering work with Dr. Karl Landsteiner led to the discovery of the Rh factor in 1937, and subsequently to the development of exchange transfusion methods that saved the lives of countless infants with hemolytic disease of the newborn. Dr. Wiener was a Professor in the Department of Forensic Medicine at New York University School of Medicine and Serologist in the office of the Chief Medical Examiner of New York. He was the recipient of numerous honors, including the Lasker Public Service Award, Passano Award, Karl Landsteiner Award, and Kennedy International Award. Dr. Wiener died on November 6, 1976. The Alexander S. Wiener Lecture is dedicated in his memory.

WIENER LECTURERS

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|------|-----------------------|------|------------------------------|
| 1977 | Sir John Dacie | 1996 | Judah Folkman |
| 1978 | Robin R.A. Coombs | 1997 | Gerald R. Crabtree |
| 1979 | Elvin A. Kabat | 1998 | L. Luca Cavalli-Sforza |
| 1980 | Richard E. Rosenfield | 1999 | Thomas P. Stossel |
| 1981 | Fred H. Allen, Jr. | 2000 | Arnold L. Levine |
| 1982 | Eloise R. Giblett | 2001 | Irving L. Weissman |
| 1983 | Ralph L. Nachman | 2002 | Anthony S. Fauci |
| 1984 | D. Bernard Amos | 2003 | Kenneth Kaushansky |
| 1985 | Saul Krugman | 2004 | Zena Werb |
| 1986 | James E. Maynard | 2006 | Barry S. Collier |
| 1988 | Yale Nemerson | 2007 | Paul Nurse |
| 1989 | Robert Schwartz | 2008 | Ralph M. Steinman |
| 1990 | Patrick Mollison | 2009 | Jennifer Lippincott-Schwartz |
| 1991 | George Garratty | 2010 | Douglas R. Higgs |
| 1992 | Jean-Pierre Cartron | 2011 | Nancy C. Andrews |
| 1993 | Jack L. Strominger | 2012 | George Q. Daley |
| 1994 | Richard Klausner | 2013 | Griffin P. Rodgers |
| 1995 | Flossie Wong-Stahl | 2014 | Colleen Delaney |

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