



FASEB Excellence in Science Award Recipients

- 1989 MARIAN E. KOSHLAND, PhD** - University of California, Berkeley, CA
Lymphokines Signaling of Immunoglobulin Gene Expression
Presented March 21, 1989 - New Orleans, LA
- 1990 ELIZABETH D. HAY, MD** - Harvard Medical School, Boston, MA
How the Matrix Outside the Cell Regulates its Growth and Development
Presented April 4, 1990 - Washington, DC
- 1991 ELLEN S. VITETTA, PhD** - Univ of Texas Southwestern Medical Center, Dallas, TX
Anti-Toxin Conjugates: A Round Trip Voyage from the Lab to the Clinic
Presented April 24, 1991 - Atlanta, GA
- 1992 BETTIE SUE (SILER) MASTERS, PhD** - Univ of Texas Hlth Sci Ctr, San Antonio, TX
Flavoprotein and Heme Protein Components of Microsomal Cytochrome P450 Monooxygenase Systems: Mechanisms, Modifications, and Molecular Biology
Presented April 8, 1992 - Anaheim, CA
- 1993 SUSAN E. LEEMAN, PhD** - Boston University School of Medicine, Boston, MA
The Peptides Substance P and Neurotensin: Discovery, Biochemical Characterization, and Some Physiological Roles
Presented March 31, 1993 - New Orleans, LA
- 1994 LUCILLE SHAPIRO, PhD** - Stanford University School of Medicine, Stanford, CA
Control of Spatial Organization During Cellular Differentiation
Presented December 14, 1993 - New Orleans, LA
- 1995 PHILIPPA MARRACK, PhD** - National Jewish Center, Denver, CO
T Cells, Their Receptors and Effects
Presented April 12, 1995 - Atlanta, GA
- 1996 ZENA WERB, PhD** - University of California School of Medicine, San Francisco, CA
How Signals from Extracellular Matrix Regulates Gene Expression
Presented December 9, 1996 - San Francisco, CA
- 1997 CLAUDE B. KLEE, MD** - National Cancer Institute, NIH, Bethesda, MD
Calcineurin: Coupling Between Oxidative Stress and Calcium Signaling
Presented August 27, 1997 - San Francisco, CA

- 1998 EVA J. NEER, MD** - Harvard Medical School, Cambridge, MA
From Modified Molecules to Modified Mice: New Insights into Heterotrimeric G Protein Function
Presented May 19, 1998 - Washington, DC
- 1999 HELEN M. BLAU, PhD** - Stanford University, Stanford, CA
Can Blood Vessels Develop Anew in Adult Tissues?
Presented December 12, 1999 - Washington, DC
- 2000 Y. PENG LOH, PhD** - Natl Inst Child Health & Human Development, NIH, Bethesda, MD
Regulated Secretory Protein Sorting in Endocrine Cells: Unmasking Novel Signals, Receptors and Lipid Rafts
Presented December 10, 2000 - San Francisco, CA
- 2001 LAURIE H. GLIMCHER, MD** - Harvard School of Public Hlth & Medicine, Boston, MA
T Helper Cells: Genes and Development
Presented April 2, 2001 - Orlando, FL
- 2002 PHYLLIS M. WISE, PhD** - University of Kentucky College of Medicine, Lexington
Estrogens: Potent Protective Factors in the Adult and Aging Brain
Presented April 21, 2002 - New Orleans, LA
- 2003 JOAN A. STEITZ, PhD** - HHMI, Yale University, New Haven, CT
Pre-mRNA Splicing: The Tie That Binds
Presenting April 12, 2003 - San Diego, CA
- 2004 JANET ROSSANT, PhD** – Mt. Sinai Hospital, Toronto, Canada
Manipulating mouse development – from cells to genes and back again
Presented July 26, 2004 – Calgary, Alberta Canada
- 2005 ANITA ROBERTS, PhD** – National Cancer Institute/NIH
TGF-beta – journey of discovery and promise
Presented April 5, 2005 – San Diego, CA
- 2006 MARILYN FARQUHAR, PhD** – University of California, La Jolla, CA
G proteins and RGS proteins: Linking Trafficking and Signaling
Presented April 4, 2006 – San Francisco, CA
- ELAINE FUCHS, PhD** - Howard Hughes Institute
Stem Cells and Their Lineages in Skin
Presented April 5, 2006 – San Francisco, CA
- 2007 FRANCES ARNOLD, PhD** – California Institute of Technology, La Jolla, CA
Innovation by Evolution
Presented July 23, 2008 – San Diego, CA
- 2008 MINA BISSELL, PhD** – University of California, Berkeley, CA
Of Extracellular Matrix, The Genome and the Microenvironment in Breast Cancer: No Cell is an Island
Presented April 8, 2008 – San Diego, CA

- 2009 SUSAN L. LINDQUIST, PhD** – Howard Hughes Medical Institute, Cambridge, MA
The Surprising and Multifaceted Role of Protein Folding on Biological Systems
Presented April 21, 2009 – New Orleans, LA
- 2010 SUSAN S. TAYLOR, PhD** – University of California, San Diego, CA
Dynamics of PKA Signaling
Presented April 27, 2010 – Anaheim, CA
- 2011 GAIL R. MARTIN, PhD** – University of California, San Francisco, CA
Lecture Title *The Role of FGF Signaling in Vertebrate Organogenesis*
Presented July 24, 2011 – Chicago, IL
- 2012 SUSAN R. WESSLER, PhD** – University of California, Riverside, CA
Lecture: *Strategies of Successful Transposable Elements*
Presented at: The Big Sky Montana Research Conference – June 11, 2013, Big Sky, Montana
- 2013 TERRY ORR-WEAVER, PhD** – Whitehead Institute for Biomedical Research, Cambridge, MA
Lecture: *Diamonds in the Rough: Finding Paradigms in Drosophila Developmental Strategies*
Presented at: The 54th Annual Drosophila Research Conference – April 4, 2013, Washington, DC
- 2014 KATHRYN V. ANDERSON, PhD** – Sloan-Kettering Institute, New York, New York
Lecture: *Cilia in the Mouse Embryo*
Presented at: The 73rd Annual Conference of the Society for Developmental Biology, Seattle, Washington
- 2015 DIANE EDMUND GRIFFIN, MD, PhD** - Johns Hopkins Bloomberg School of Medicine
Lecture Title: *Immune-mediated clearance of acute viral infections: How effective is it?*
Presented at: Immunology 2015 - The Annual Meeting of the American Association of Immunologists - May 11, 2015, New Orleans, LA
- 2016 BONNIE L. BASSLER, PhD** – Princeton University
Lecture Title: *Quorum Sensing and its Control*
Presented at: Experimental Biology 2016 – April 3, 2016, San Diego, CA
- 2017 DIANE MATHIS, PhD** – Harvard Medical School
Lecture Title: *Treg Flavors*
Presented at: Immunology 2017 - The Annual Meeting of the American Association of Immunologists - May 15, 2017, Washington, D.C.
- 2018 LYNNE MAQUAT, PhD** – University of Rochester Medical Center
Lecture Title: *Nonsense-mediated mRNA decay and human disease: Genome guardian and executor*
Presented at: Experimental Biology 2018 – April 22, 2018, San Diego, CA

2019 BARBARA B. KAHN, MD - Harvard Medical School and Beth Israel Deaconess Medical Center
Lecture Title: *“De novo lipogenesis in adipocytes results in the production of structurally novel signaling lipids with beneficial metabolic and anti-inflammatory effects.”*
Presented at: Experimental Biology 2019 – April 8, 2019, Orlando, FL