Alumni Directory

1992 - 2016

Updated, 2/2017
The Richard and Susan Smith Family Foundation is committed to effecting permanent positive change in the lives of the residents of Greater Boston, particularly individuals and families in economically disadvantaged communities. Today, three generations of the Smith family oversee the Foundation, stewarding approximately $15 million annually in grants aimed at promoting greater health, educational attainment, and economic mobility. In the area of health, the Foundation supports the advancement of biomedical research and the expansion of access to high-quality health care at safety net institutions serving low-income individuals and communities of Greater Boston.

In 1991, the Smith Family Foundation contracted with The Medical Foundation at Health Resources in Action to create a grantmaking program that would identify and support promising junior faculty to find breakthroughs in such areas as AIDS/HIV, cancer, heart disease, diabetes or neuroscience. Since 2008, the Award has broadened to support newly independent faculty engaged in basic biomedical science as well as physics, chemistry and engineering with a focus on biomedicine. The Awards are currently in the amount of $300,000 over three years.

Over the past 25 years, the Smith Family Awards Program for Excellence in Biomedical Research has helped launch the careers of 157 outstanding scientists with support totaling $31.1 million.

The following is a listing of all Award Recipients in alphabetical order with current contact information as well as the title of the funded research project. The Smith Family is extraordinarily proud of the accomplishments of its Awardees and is honored to provide the critical support for their newly established research programs.
Mark L. Andermann, Ph.D.
(2012 Award Recipient)
Cortical Networks Guiding Hunger-Dependent Attention to Food Cues
Beth Israel Deaconess Medical Center
manderma@bidmc.harvard.edu

Zolt P. Arany, M.D., Ph.D.
(2008 Award Recipient)
Peroxisome Proliferator-Activated Receptor Gamma 1alpha (PGC-1alpha) and Cardiac Angiogenesis
University of Pennsylvania
zarany@mail.med.upenn.edu

Scott A. Armstrong, M.D., Ph.D.
(2004 Award Recipient)
Multi-step Pathogenesis of MLL-rearranged Leukemias
Memorial Sloan-Kettering Cancer Center
armstros@mskcc.org

Emily Patricia Balskus, Ph.D.
(2011 Award Recipient)
Understanding and Preventing the Production of Disease-Associated Metabolites by the Human Gut Microbiota
Harvard University
balskus@chemistry.harvard.edu

Jennifer Benanti, Ph.D.
(2011 Award Recipient)
Mapping the Proteolytic Regulatory Network that Controls Cell Division
University of Massachusetts Medical School
Jennifer.Benanti@umassmed.edu

Leslie J. Berg, Ph.D.
(1993 Award Recipient)
Analysis of the Tsk tyrosine Kinase in Transgenic Mice
University of Massachusetts Medical School
leslie.berg@umassmed.edu

Sudha Biddinger, M.D., Ph.D.
(2010 Award Recipient)
Regulation of the LDLR by Insulin and Diabetes
Boston Children's Hospital
sudha.biddinger@childrens.harvard.edu

Jonathan S. Bogan, M.D.
(2000 Award Recipient)
Role of ARF Proteins in GLUT4 Trafficking
Yale School of Medicine
jonathan.bogan@yale.edu

Laurie A. Boyer, Ph.D.
(2009 Award Recipient)
Non-coding RNA as a Regulator of Cell Fate through Functional Interaction with Polycomb Group Proteins
Massachusetts Institute of Technology
lboyer@mit.edu

James E. Bradner, M.D.
(2010 Award Recipient)
Chemical Inhibition of Bromodomains in Cancer
Novartis Institutes of BioMedical Resaerch
James.bradner@novartis.com

Jessica A Cardin, Ph.D.
(2012 Award Recipient)
GABAergic Contributions to Neural and Cognitive Deficits in a Genetic Model of Schizophrenia.
Yale University
jess.cardin@yale.edu

William A. Carlezon, Ph.D.
(1999 Award Recipient)
Neural Substrates of Aversion to Addictive Drugs
McLean Hospital
carlezon@mclean.harvard.edu
Francis Ka-Ming Chan, Ph.D.  
(2003 Award Recipient)  
*TNF-Induced Programmed Cell Death in Immune Responses*  
University of Massachusetts Medical School  
francis.chan@umassmed.edu

Daniel L. Chase, Ph.D.  
(2006 Award Recipient)  
*Electrophysiological Analysis of Novel Dopamine Signaling Mechanisms in C. elegans*  
Central Connecticut State University  
chase@ccsu.edu

Abhishek Chatterjee, Ph.D.  
(2013 Award Recipient)  
*A Chemical Toolset to Investigate and Engineer Viral Infection*  
Boston College  
abhishek.chatterjee@bc.edu

Iain M. Cheeseman, Ph.D.  
(2007 Award Recipient)  
*Proteomic and Functional Dissection of the Human Kinetochore*  
Whitehead Institute for Biomedical Research  
icheese@wi.mit.edu

Jianzhu Chen, Ph.D.  
(1995 Award Recipient)  
*Molecular Analysis of Memory B Cell Differentiation*  
Massachusetts Institute of Technology  
jchen@mit.edu

Jerry Lu Chen, Ph.D.  
(2016 Award Recipient)  
*Circuit Mechanisms for Long-Range Communication in the Neocortex*  
Boston University  
jerry@chen-lab.org

James Jeiwen Chou, Ph.D.  
(2003 Award Recipient)  
*Structural Study of the Membrane-Associated State of BID for Understanding BID-Induced Damage of Mitochondrial Wall during Apoptosis*  
Harvard Medical School  
james_chou@hms.harvard.edu

Damon Alistair Clark, Ph.D.  
(2013 Award Recipient)  
*Dissecting Motor Pattern Generating Circuits in Walking Drosophila*  
Yale University  
damon.clark@yale.edu

Steven Chuck, M.D.  
(1997 Award Recipient)  
*Regulation of Apolipoprotein B Secretion*  
Gilead Sciences  
steven.chuck@gilead.com

Andrew Connolly, M.D., Ph.D.  
(1998 Award Recipient)  
*Endothelial Protease-Activated Receptors*  
Stanford University School of Medicine  
aconnoll@stanford.edu

Paul B. Cook, Ph.D.  
(2000 Award Recipient)  
*Modulation of Glycinergic Inhibition in the Vertebrate*  
Integrated Project Management  
pcook@ipmcinc.com

David Daniel Cox, Ph.D.  
(2013 Award Recipient)  
*Learning How to See: a Biological and Computational Investigation of How Visual Cortex Learns and Develops*  
Harvard University  
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Daniel H. Cox, Ph.D.
(2000 Award Recipient)
Characterization of the Ca2+ Binding Sites of the Large-Conductance Ca2+-Activated K+ Channel
Tufts University School of Medicine
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Michael Crickmore, Ph.D.
(2015 Award Recipient)
Molecular and Circuit Analyses of a Motivational State
Boston Children’s Hospital
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Alexei Degterev, Ph.D.
(2007 Award Recipient)
Molecular Mechanism and Oncogenic Regulation of Cellular Necrosis
Tufts University School of Medicine
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Walter E. Demkowicz, Ph.D.
(1995 Award Recipient)
Immunotherapy for AIDS: Transduction of HIV-1-Specific T-cell Receptor Genes
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Li Deng, Ph.D.
(1999 Award Recipient)
A Chemical Approach Toward Understanding DNA Modification
Brandeis University
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Stephanie Dougan, Ph.D.
(2015 Award Recipient)
In Situ Delivery of Neoantigens and Targeted Radiation in a Therapeutic Vaccine for Pancreatic Cancer
Dana-Farber Cancer Institute
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Elaine A. Elion, Ph.D.
(1992 Award Recipient)
Mechanisms of Negative Growth Control in Saccharomyces cerevisiae
Harvard Medical School
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Patrick T. Ellinor, M.D., Ph.D.
(2003 Award Recipient)
The Genetics of Atrial Fibrillation: Exploration of Endophenotypes
Massachusetts General Hospital
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Sean Elliott, Ph.D.
(2004 Award Recipient)
Thioredoxins, Thioredoxin Reductase and the Mechanisms of Oxidative Stress
Boston University
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Patrick Emery, Ph.D.
(2002 Award Recipient)
Circadian Rhythms and their Synchronization in Drosophila
University of Massachusetts Medical School
patrick.emery@umassmed.edu

Tamar Enoch, Ph.D.
(July 1993 Award Recipient)
Using Yeast to Identify New Tumor Suppressor Genes

Jerry Faust, Ph.D.
(1992 Award Recipient)
Cloning and Initial Characterization of a Kidney Specific Transporter for Mevalonic Acid
Tufts University School of Medicine
jerry.faust@tufts.edu
Steven M. Finkbeiner, M.D., Ph.D.  
(1998 Award Recipient)  
*Molecular Mechanisms of Huntington's Disease*  
Gladstone Institute of Neurological Disease  
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Matthew L. Freedman, M.D.  
(2006 Award Recipient)  
*A Genome-Wide Admixture Scan to Identify Genetic Determinants of Basal-Like Breast Cancer*  
Dana-Farber Cancer Institute  
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Marc R. Freeman, Ph.D.  
(2004 Award Recipient)  
*Characterizing Core Components of the Glial Cell Machinery*  
University of Massachusetts Medical School  
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Robert C. Fuhlbrigge, M.D., Ph.D.  
(1999 Award Recipient)  
*Regulation of CTCL Migration to Skin via CLA*  
Brigham and Women's Hospital  
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Jianmin Gao, Ph.D.  
(2007 Award Recipient)  
*Understanding Beta Sheet Structure within the Membrane Bilayer*  
Boston College  
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Neil Joseph Ganem, Ph.D.  
(2014 Award Recipient)  
*Maintenance of Genome Stability by the Hippo Tumor Suppressor Pathway*  
Boston University School of Medicine  
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Timothy J. Gardner, Ph.D.  
(2009 Award Recipient)  
*Exploring the Function of Sleep in Neural Circuit Formation*  
Boston University  
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Ethan Clark Garner, Ph.D.  
(2012 Award Recipient)  
*Building a Mechanistic Understanding of Bacterial Cell Wall Growth using High-Resolution Dynamic Imaging*  
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Frank B. Gertler, Ph.D.  
(1998 Award Recipient)  
*Mena Function in Tumor Cell Biology and Metatasis*  
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(1996 Award Recipient)  
*Regulation of Cell Growth by Cellular EIA-Like Proteins*  
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Lisa V. Goodrich, Ph.D.  
(2003 Award Recipient)  
*Cellular and Molecular Mechanisms of Sensory System Development*  
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Fotini Gounari, Ph.D., D.Sc.  
(2003 Award Recipient)  
*Thymocyte Transformation in the DN to DP Transition*  
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Yonatan Grad, M.D., Ph.D.
(2015 Award Recipient)
Genetic Networks of Antibiotic Resistance in Neisseria gonorrhoeae
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Timothy E. Graham, M.D.
(2007 Award Recipient)
Stimulated by Retinoic Acid-6 (Stra6) and Insulin Resistance
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Nikolaus Grigorieff, M.Sc., Ph.D.
(2000 Award Recipient)
Structural Analysis of the Shaker Potassium Channel
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Steven R. Grossman, Ph.D., M.D.
(2000 Award Recipient)
Purification and Analysis of a p53-Targeted Ubiquitin Ligase
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Marc-Jan Gubbels, Ph.D.
(2006 Award Recipient)
Dissection of Toxoplasma gondii Cell Division, an Opportunistic Pathogen Causing Myocarditis and Encephalitis
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Piyush Gupta, Ph.D.
(2011 Award Recipient)
Functional Dissection of Invasive Mesenchymal Cancer Cells
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Jeanne A. Hardy, Ph.D.
(2005 Award Recipient)
Designing Allosteric Switches in Caspases
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Akiko Hata, Ph.D.
(2001 Award Recipient)
Mechanisms of TGF-ß Signal Transduction
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Daniel N. Hebert, Ph.D.
(1998 Award Recipient)
Tyrosine Maturation and Degradation in Normal Melanocytes and Melanoma Cells
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Michael J. Higley, M.D., Ph.D.
(2010 Award Recipient)
Neuromodulation of Synaptic Transmission in the Prefrontal Cortex
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Philip W. Hinds, Ph.D.
(1993 Award Recipient)
The Retinoblastoma Protein Pathway in Differentiation, Senescence and Cancer
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Joel Hirschhorn, M.D., Ph.D.
(2002 Award Recipient)
Comprehensive Evaluation of Reported Associations between Common Gene Variants and Obesity"
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joelh@broadinstitute.org
Andreas Hochwagen, Ph.D.  
(2007 Award Recipient)  
*Investigating the Role of Checkpoint Adaptation in Anti-Cancer Drug Resistance*  
New York University  
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Ya-Chieh Hsu, Ph.D.  
(2014 Award Recipient)  
*Investigation of How Cell Types from Diverse Lineages Coordinate Changes and Behaviors during Regeneration*  
Harvard University  
yachieh_hsu@harvard.edu

Jianming Hu, M.D., Ph.D.  
(1999 Award Recipient)  
*Host Factors Required for Hepatitis B Virus Assembly and Replication*  
The Pennsylvania State University College of Medicine  
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Paul Huang, M.D., Ph.D.  
(1994 Award Recipient)  
*Vascular Function in Nitric Oxide Synthase Mutant Mice*  
Massachusetts General Hospital  
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Jun R. Huh, Ph.D.  
(2013 Award Recipient)  
*Bacterial Regulators of Immunity and their Modulation of Host Transcription Factors*  
University of Massachusetts Medical School  
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Craig P. Hunter, Ph.D.  
(1997 Award Recipient)  
*Identifying the Regulatory Targets of pal-1*  
Harvard University  
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Tyler Jacks, Ph.D.  
(1992 Award Recipient)  
*Functional Analysis of the p53 Gene*  
David H. Koch Institute for Integrative Cancer Research at MIT  
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David Jeruzalmi, Ph.D.  
(2002 Award Recipient)  
*Structure and Function of Biological Assemblies*  
The City College of New York  
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Karla R Kaun, Ph.D.  
(2014 Award Recipient)  
*Neuro-molecular Mechanisms Underlying Alcoholism*  
Brown University  
karla_kaun@brown.edu

Aleksandar David Kostic, Ph.D.  
(2016 Award Recipient)  
*Immunological Investigation of Human Type 1 Diabetes-Associated Microbiomes in the Gnotobiotic Autoimmune Diabetic Mouse*  
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Philip J. Kranzusch, Ph.D.  
(2016 Award Recipient)  
*Mechanism of Activation of a New Human RNA Second Messenger Signaling Enzyme*  
Dana-Farber Cancer Institute  
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Jordan A. Kreidberg, M.D., Ph.D.  
(1995 Award Recipient)  
*A Transgenic Mouse Model of Wilms' Tumor*  
Boston Children's Hospital  
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Joshua Kritzer, Ph.D., M.Sc.  
(2009 Award Recipient)  
Targeting Hsp90 with Small Cyclic Peptides  
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Andrew Kruse, Ph.D.  
(2015 Award Recipient)  
A New Approach to Targeting GPCRs  
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Galit Lahav, Ph.D.  
(2005 Award Recipient)  
p53 Dynamics and Control of Cell Fate  
Harvard Medical School  
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David Lambright, Ph.D.  
(1996 Award Recipient)  
Structural Determinants of G Protein Coupled Signal Transduction  
University of Massachusetts Medical School  
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Matthew J. LaVoie, Ph.D.  
(2005 Award Recipient)  
The Role of Protein Modification and Dysfunction in Parkinson’s Disease  
Brigham and Women’s Hospital  
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Nathan D. Lawson, Ph.D.  
(2003 Award Recipient)  
Genetic Dissection of the Vascular Endothelial Growth Factor Signaling Pathway  
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Michael Jungho Lee, Ph.D.  
(2014 Award Recipient)  
Micro-Environmental Regulation of Network State and Drug Sensitivity in Triple-Negative Breast Cancer  
University of Massachusetts Medical School  
michael.lee@umassmed.edu

Jacqueline A. Lees, Ph.D.  
(1995 Award Recipient)  
The Role of pRB and E2F in Tumorigenesis  
Massachusetts Institute of Technology  
jalees@mit.edu

Bernardo Lemos, Ph.D.  
(2013 Award Recipient)  
Heterochromatin Variation, Bisphenol A sensitivity, and Environmental Epigenomics  
Harvard School of Public Health  
blemos@hsph.harvard.edu

Anthony Letai, M.D., Ph.D.  
(2004 Award Recipient)  
Decoding BCL-2 Family Interactions to Promote Cancer Cell Death  
Dana-Farber Cancer Institute  
anthony_letai@dfci.harvard.edu

Michael Levin, Ph.D.  
(2001 Award Recipient)  
The Role of KATP ion Channels in Embryonic Development  
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michael.levin@tufts.edu

Gene-Wei Li, Ph.D.  
(2016 Award Recipient)  
Breaking the Robustness of Bacterial Translation  
Massachusetts Institute of Technology  
gwli@mit.edu
Rong Li, Ph.D.  
(1995 Award Recipient)  
*The Role of Cdc42 in Actin Cytoskeleton Assembly*  
Stowers Institute for Medical Research  
rli@stowers.org

Maofu Liao, Ph.D.  
(2016 Award Recipient)  
*Cryo-EM Studies of Multidrug Resistance Conferred by Human ABC Transporters*  
Harvard Medical School  
liaomaofu@gmail.com

Stuart Licht, Ph.D.  
(2002 Award Recipient)  
*Interactions of Sulfonyluria Anti-Diabetic Agents with the ATP-Sensitive Potassium Channel*  
Sanofi-Aventis  
stuart.licht@sanofi-aventis.com

Klaus Lindpaintner, M.D.  
(1993 Award Recipient)  
*Molecular Genetics of Hypertension and Stroke*  
Thermo Fisher Scientific  
klaus.lindpaintner@thermofisher.com

Myra Lipes, M.D.  
(1994 Award Recipient)  
*A Transgenic Approach to the Study of Tolerance Induction in Type I Diabetes*  
Joslin Diabetes Center  
myra.lipes@joslin.harvard.edu

Joseph J. Loparo, Ph.D.  
(2011 Award Recipient)  
*Exploring the Molecular Mechanisms of Translesion DNA Synthesis through Single-Molecule Microscopy*  
Harvard Medical School  
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Bradford B. Lowell, M.D., Ph.D.  
(1994 Award Recipient)  
*The B3-Adrenergic Receptor: A Gene Knockout Analysis of Function*  
Beth Israel Deaconess Medical Center  
blowell@bidmc.harvard.edu

Gavin MacBeath, Ph.D.  
(2002 Award Recipient)  
*Towards the System-Wide Study of Neuronally-Expressed PDZ Domains*  
Merrimack Pharmaceuticals  
gmacbeath@merrimackpharma.com

Katherine M. Martien, M.D.  
(2000 Award Recipient)  
*The Efficacy of Valproic Acid in the Treatment of Autism Associated with Regression and/or Severe Sleep Disturbance*  
LADDERS Clinic  
kmartien@partners.org

Steven A. McCarroll, Ph.D.  
(2010 Award Recipient)  
*Finding the Human Genome's Missing Pieces*  
Harvard Medical School  
mccarroll@genetics.med.harvard.edu

Andrea I. McClatchey, Ph.D.  
(1999 Award Recipient)  
*Identification of the Molecular Function of the NF2 Tumor Suppressor, Merlin*  
Massachusetts General Hospital  
mclatch@helix.mgh.harvard.edu

David E. Moller, M.D.  
(1992 Award Recipient)  
*Molecular Genetic Analysis of Candidate P.O. Genes for Insulin Resistance*  
Eli Lilly and Company  
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Melissa J. Moore, Ph.D.  
(1994 Award Recipient)  
*Dynamics of Protein-RNA Interaction in the Mammalian Spliceosome*  
University of Massachusetts Medical School  
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Martin G. Myers, M.D., Ph.D.  
(1998 Award Recipient)  
*Molecular Determinants of Leptin Receptor/Jak2 Signaling*  
University of Michigan Medical School  
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Sarah E. O’Connor, Ph.D.  
(2003 Award Recipient)  
*Human Biosynthesis of Alkaloids: Chemical Inducers of Parkinson’s Disease*  
The John Innes Center  
Sarah.O’Connor@jic.ac.uk

Noah Wolcott Palm, Ph.D.  
(2016 Award Recipient)  
*A Universal Genetic Toolkit to Illuminate Host-Microbiota Interactions*  
Yale University  
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Suzanne Paradis, Ph.D.  
(2008 Award Recipient)  
*Dissecting the Function of Semaphorin 4B in Excitatory and Inhibitory Synapse Formation*  
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Sareh Parangi, M.D.  
(1999 Award Recipient)  
*Antiangiogenic Therapy, A Novel Therapy for Pancreatic Cancer*  
Massachusetts General Hospital  
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Christopher L. Passaglia, Ph.D.  
(2005 Award Recipient)  
*Retinal Coding of Visual Information in Glaucomatous Eyes*  
University of South Florida  
passaglia@usf.edu

R. Christopher Pierce, Ph.D.  
(1999 Award Recipient)  
*Neurotrophins and Cocaine Addiction*  
University of Pennsylvania School of Medicine  
rcpierce@mail.med.upenn.edu

Emmanuel N. Pothos, Ph.D.  
(2002 Award Recipient)  
*The Effects of Dietary Obesity on CNS Reward Systems*  
Tufts University School of Medicine  
Emmanuel.Pothos@tufts.edu

Sridhar Ramaswamy, M.D.  
(2002 Award Recipient)  
*Molecular Diagnostics for Cancer Metastasis*  
Massachusetts General Hospital Cancer Center  
sridhar@mgh.harvard.edu

Peter W. Reddien, Ph.D.  
(2006 Award Recipient)  
*Regulation of Stem Cells for Regeneration in Planarians*  
Whitehead Institute for Biomedical Research  
reddien@wi.mit.edu

Nicholas Rhind, Ph.D.  
(2001 Award Recipient)  
*The Role of Induced Recombination in the Fission Yeast S-phase DNA Damage Checkpoint*  
University of Massachusetts Medical School  
nick.rhind@umassmed.edu
John Rinn, Ph.D.  
(2008 Award Recipient)  
Large Intergenic Non-Coding RNAs in Cancer  
Harvard University  
john_rinn@harvard.edu

Tobias Ritter, Ph.D.  
(2008 Award Recipient)  
Approach to Access Positron-Emission-Tomography (PET) Tracers for Molecular Imaging  
Harvard University  
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Silvia Rouskin, Ph.D.  
(2016 Award Recipient)  
Identifying the Factors Required for mRNA Localization During Metazoan Development  
Whitehead Institute for Biomedical Research  
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Sandra Ryeom, Ph.D.  
(2005 Award Recipient)  
Cancer Protection by the Down Syndrome Candidate Region-1 Gene  
University of Pennsylvania School of Medicine  
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Bernardo L. Sabatini, M.D., Ph.D.  
(2001 Award Recipient)  
The Role of Regulated Protein Translation in Synapse Formation and Spine Growth  
Harvard Medical School  
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Adrian Salic, Ph.D.  
(2005 Award Recipient)  
Chromosome Segregation in Vertebrates: A Multidisciplinary Approach to Understanding Kinetochore Function and Centromeric Cohesion  
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Susan L. Santangelo, Sc.D.  
(July 1997 Award Recipient)  
Extremely Discordant Sib-Pairs to Search for Autism Genes  
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Rebecca A Scheck, Ph.D.  
(2014 Award Recipient)  
Mapping the Uncharted: Encodable Chemistry to Discover the Role of Glycation in Disease  
Tufts University  
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Gabriela Schlau-Cohen, Ph.D.  
(2015 Award Recipient)  
A Biophysical Toolkit to Explore Bacteria Chemotaxis  
Massachusetts Institute of Technology  
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Dietmar Schmucker, Ph.D.  
(2001 Award Recipient)  
Function of the Molecular Diversity of Neuronal Receptors  
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Gavin R. Schnitzler, Ph.D.  
(2000 Award Recipient)  
Human Chromatin Remodeling Complexes and Transcriptional Control  
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David C. Seldin, M.D., Ph.D.  
(1996 Award Recipient)  
Casein Kinase II and Lymphomagenesis in Transgenic Mice  
Boston University Medical Center
Piali Sengupta, Ph.D.  
(1997 Award Recipient)  
*Role of Nuclear Receptors in the Chemosensory System of C. elegans*  
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Matthew D. Shair, Ph.D.  
(1997 Award Recipient)  
*Discovery of Small Molecules which Disrupt Protein-Protein Interactions*  
Harvard University  
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Ann M. Sheehy, Ph.D.  
(2007 Award Recipient)  
*Harnessing the Power of the Anti-HIV Protein APOBEC3G*  
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Michael Y. Sherman, Ph.D.  
(1996 Award Recipient)  
*Molecular Chaperones and Degradation of Oxidatively Damaged Proteins*  
Boston University School of Medicine  
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Ramesh A. Shivdasani, M.D., Ph.D.  
(1997 Award Recipient)  
*Identification and Characterization of Genes that Regulate Vertebrate Gut Epithelial Cell Differentiation*  
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Matthew Donald Shoulders, Ph.D.  
(2013 Award Recipient)  
*Hijacking the Host Cell's Protein Homeostasis Network to Potentiate Viral Evolution*  
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Sergei Y. Sokol, Ph.D.  
(1994 Award Recipient)  
*The Dishevelled Gene Product and the Establishment of Dorso-Ventral Polarity in Xenopus Embryos*  
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