

# Smith Family Awards Program for Excellence in Biomedical Research

A PROGRAM OF THE RICHARD AND SUSAN SMITH FAMILY FOUNDATION



## Alumni Directory

1992 - 2018

Updated, 11/2018

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 27 years, the Smith Family Awards Program for Excellence in Biomedical Research has helped launch the careers of 169 outstanding scientists with support totaling \$34.7 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](mailto: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](mailto: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](mailto: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](mailto: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](mailto: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](mailto: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](mailto: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](mailto: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](mailto:lboyer@mit.edu)

**James E. Bradner, M.D.**  
(2010 Award Recipient)  
*Chemical Inhibition of Bromodomains in  
Cancer*  
Novartis Institutes of BioMedical Research  
[James.bradner@novartis.com](mailto:James.bradner@novartis.com)

**David K Breslow, Ph.D.**  
(2018 Award Recipient)  
*Deconstructing the Cellular Antenna: Primary  
Cilium Disassembly and Control of Cell  
Growth*  
Yale University  
[david.breslow@yale.edu](mailto:david.breslow@yale.edu)

**Alan Brown, Ph.D.**  
(2018 Award Recipient)  
*Structural Basis of Intraflagellar Transport*  
Harvard Medical School  
[alan\\_brown@hms.harvard.edu](mailto:alan_brown@hms.harvard.edu)

**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](mailto: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](mailto: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](mailto: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](mailto: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](mailto: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](mailto: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](mailto: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](mailto: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](mailto: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](mailto:damon.clark@yale.edu)

**Steven Chuck, M.D.**

(1997 Award Recipient)

*Regulation of Apolipoprotein B Secretion*

Gilead Sciences

[steven.chuck@gilead.com](mailto: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](mailto:aconnoll@stanford.edu)

**Paul B. Cook, Ph.D.**

(2000 Award Recipient)

*Modulation of Glycinergic Inhibition in the Vertebrate*

Integrated Project Management

[pcook@ipmcinc.com](mailto: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

[davidcox@fas.harvard.edu](mailto:davidcox@fas.harvard.edu)

**Daniel H. Cox, Ph.D.**

(2000 Award Recipient)

*Characterization of the Ca<sup>2+</sup> Binding Sites of the Large-Conductance Ca<sup>2+</sup>-Activated K<sup>+</sup> Channel*

Tufts University School of Medicine

[dan.cox@tufts.edu](mailto:dan.cox@tufts.edu)

**Michael Crickmore, Ph.D.**

(2015 Award Recipient)

*Molecular and Circuit Analyses of a Motivational State*

Boston Children's Hospital

[michael.crickmore@childrens.harvard.edu](mailto:michael.crickmore@childrens.harvard.edu)

**Alexei Degterev, Ph.D.**

(2007 Award Recipient)

*Molecular Mechanism and Oncogenic Regulation of Cellular Necrosis*

Tufts University School of Medicine

[alexei.degterev@tufts.edu](mailto:alexei.degterev@tufts.edu)

**Walter E. Demkowicz, Ph.D.**

(1995 Award Recipient)

*Immunotherapy for AIDS: Transduction of HIV-1-Specific T-cell Receptor Genes*

University of Massachusetts Medical School

[wdemkowicz@yahoo.com](mailto:wdemkowicz@yahoo.com)

**Li Deng, Ph.D.**

(1999 Award Recipient)

*A Chemical Approach Toward Understanding DNA Modification*

Brandeis University

[deng@brandeis.edu](mailto:deng@brandeis.edu)

**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

[stephanie\\_dougan@dfci.harvard.edu](mailto:stephanie_dougan@dfci.harvard.edu)

**Elaine A. Elion, Ph.D.**

(1992 Award Recipient)

*Mechanisms of Negative Growth Control in *Saccharomyces cerevisiae**

Harvard Medical School

[elaine\\_elion@hms.harvard.edu](mailto:elaine_elion@hms.harvard.edu)

**Patrick T. Ellinor, M.D., Ph.D.**

(2003 Award Recipient)

*The Genetics of Atrial Fibrillation: Exploration of Endophenotypes*

Massachusetts General Hospital

[pellinor@partners.org](mailto:pellinor@partners.org)

**Sean Elliott, Ph.D.**

(2004 Award Recipient)

*Thioredoxins, Thioredoxin Reductase and the Mechanisms of Oxidative Stress*

Boston University

[elliott@bu.edu](mailto:elliott@bu.edu)

**Patrick Emery, Ph.D.**

(2002 Award Recipient)

*Circadian Rhythms and their Synchronization in *Drosophila**

University of Massachusetts Medical School

[patrick.emery@umassmed.edu](mailto: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](mailto: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  
[sfinkbeiner@gladstone.ucsf.edu](mailto:sfinkbeiner@gladstone.ucsf.edu)

**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  
[matthew\\_freedman@dfci.harvard.edu](mailto:matthew_freedman@dfci.harvard.edu)

**Marc R. Freeman, Ph.D.**

(2004 Award Recipient)  
*Characterizing Core Components of the Glial  
Cell Machinery*  
University of Massachusetts Medical School  
[marc.freeman@umassmed.edu](mailto:marc.freeman@umassmed.edu)

**Robert C. Fuhlbrigge, M.D., Ph.D.**

(1999 Award Recipient)  
*Regulation of CTCL Migration to Skin via CLA*  
Brigham and Women's Hospital  
[rfuhlbrigge@partners.org](mailto:rfuhlbrigge@partners.org)

**Jianmin Gao, Ph.D.**

(2007 Award Recipient)  
*Understanding Beta Sheet Structure within  
the Membrane Bilayer*  
Boston College  
[gaojc@bc.edu](mailto:gaojc@bc.edu)

**Neil Joseph Ganem, Ph.D.**

(2014 Award Recipient)  
*Maintenance of Genome Stability by the  
Hippo Tumor Suppressor Pathway*  
Boston University School of Medicine  
[nganem@bu.edu](mailto:nganem@bu.edu)

**Timothy J. Gardner, Ph.D.**

(2009 Award Recipient)  
*Exploring the Function of Sleep in Neural  
Circuit Formation*  
Boston University  
[timothyg@bu.edu](mailto:timothyg@bu.edu)

**Ethan Clark Garner, Ph.D.**

(2012 Award Recipient)  
*Building a Mechanistic Understanding of  
Bacterial Cell Wall Growth using High-  
Resolution Dynamic Imaging*  
Harvard University  
[egarner@g.harvard.edu](mailto:egarner@g.harvard.edu)

**Frank B. Gertler, Ph.D.**

(1998 Award Recipient)  
*Mena Function in Tumor Cell Biology and  
Metastasis*  
Massachusetts Institute of Technology  
[fgertler@mit.edu](mailto:fgertler@mit.edu)

**Grace Gill, Ph.D.**

(1996 Award Recipient)  
*Regulation of Cell Growth by Cellular E1A-Like  
Proteins*  
Tufts University School of Medicine  
[grace.gill@tufts.edu](mailto:grace.gill@tufts.edu)

**Lisa V. Goodrich, Ph.D.**  
(2003 Award Recipient)  
*Cellular and Molecular Mechanisms of  
Sensory System Development*  
Harvard Medical School  
[lisa\\_goodrich@hms.harvard.edu](mailto:lisa_goodrich@hms.harvard.edu)

**Fotini Gounari, Ph.D., D.Sc.**  
(2003 Award Recipient)  
*Thymocyte Transformation in the DN to DP  
Transition*  
University of Chicago  
[fgounari@medicine.bsd.uchicago.edu](mailto:fgounari@medicine.bsd.uchicago.edu)

**Yonatan Grad, M.D., Ph.D.**  
(2015 Award Recipient)  
*Genetic Networks of Antibiotic Resistance in  
Neisseria gonorrhoeae*  
Harvard School of Public Health  
[ygrad@hsph.harvard.edu](mailto:ygrad@hsph.harvard.edu)

**Timothy E. Graham, M.D.**  
(2007 Award Recipient)  
*Stimulated by Retinoic Acid-6 (Stra6) and  
Insulin Resistance*  
University of Utah School of Medicine  
[tgraham@u2m2.utah.edu](mailto:tgraham@u2m2.utah.edu)

**Nikolaus Grigorieff, M.Sc., Ph.D.**  
(2000 Award Recipient)  
*Structural Analysis of the Shaker Potassium  
Channel*  
Janelia Research Campus  
[niko@grigorieff.org](mailto:niko@grigorieff.org)

**Paul Lieberman Greer, Ph.D.**  
(2018 Award Recipient)  
*Exploring the Role of a Novel Population of  
Microglia in Alzheimer's Disease*  
University of Massachusetts Medical School  
[Paul.Greer@umassmed.edu](mailto:Paul.Greer@umassmed.edu)

**Steven R. Grossman, Ph.D., M.D.**  
(2000 Award Recipient)  
*Purification and Analysis of a p53-Targeted  
Ubiquitin Ligase*  
Virginia Commonwealth University  
[srgrossman@vcu.edu](mailto:srgrossman@vcu.edu)

**Marc-Jan Gubbels, Ph.D.**  
(2006 Award Recipient)  
*Dissection of Toxoplasma gondii Cell Division,  
an Opportunistic Pathogen Causing  
Myocarditis and Encephalitis*  
Boston College  
[gubbelsj@bc.edu](mailto:gubbelsj@bc.edu)

**Piyush Gupta, Ph.D.**  
(2011 Award Recipient)  
*Functional Dissection of Invasive  
Mesenchymal Cancer Cells*  
Whitehead Institute for Biomedical Research  
[pgupta@wi.mit.edu](mailto:pgupta@wi.mit.edu)

**Jeanne A. Hardy, Ph.D.**  
(2005 Award Recipient)  
*Designing Allosteric Switches in Caspases*  
University of Massachusetts Amherst  
[hardy@chem.umass.edu](mailto:hardy@chem.umass.edu)

**Aaron N. Hata, M.D., Ph.D.**  
(2017 Award Recipient)  
*Determining the Impact of Therapy-Induced  
Mutations on Tumor Heterogeneity and  
Evolution of Acquired Drug Resistance*  
MGH Cancer Center  
[ahata@mgh.harvard.edu](mailto:ahata@mgh.harvard.edu)

**Akiko Hata, Ph.D.**  
(2001 Award Recipient)  
*Mechanisms of TGF- $\beta$  Signal Transduction*  
University of California, San Francisco  
[akiko.hata@ucsf.edu](mailto:akiko.hata@ucsf.edu)



**Daniel N. Hebert, Ph.D.**

(1998 Award Recipient)

*Tyrosine Maturation and Degradation in Normal Melanocytes and Melanoma Cells*  
University of Massachusetts Amherst

[dhebert@biochem.umass.edu](mailto:dhebert@biochem.umass.edu)

**Michael J. Higley, M.D., Ph.D.**

(2010 Award Recipient)

*Neuromodulation of Synaptic Transmission in the Prefrontal Cortex*  
Yale School of Medicine

[m.higley@yale.edu](mailto:m.higley@yale.edu)

**Philip W. Hinds, Ph.D.**

(1993 Award Recipient)

*The Retinoblastoma Protein Pathway in Differentiation, Senescence and Cancer*  
Tufts University, Sackler School

[phinds@tufts.edu](mailto:phinds@tufts.edu)

**Joel Hirschhorn, M.D., Ph.D.**

(2002 Award Recipient)

*Comprehensive Evaluation of Reported Associations between Common Gene Variants and Obesity"*

Boston Children's Hospital

[joelh@broadinstitute.org](mailto:joelh@broadinstitute.org)

**Andreas Hochwagen, Ph.D.**

(2007 Award Recipient)

*Investigating the Role of Checkpoint Adaptation in Anti-Cancer Drug Resistance*  
New York University

[andi@nyu.edu](mailto:andi@nyu.edu)

**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](mailto: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

[juh13@psu.edu](mailto:juh13@psu.edu)

**Paul Huang, M.D., Ph.D.**

(1994 Award Recipient)

*Vascular Function in Nitric Oxide Synthase Mutant Mice*

Massachusetts General Hospital

[huangp@helix.mgh.harvard.edu](mailto:huangp@helix.mgh.harvard.edu)

**Jun R. Huh, Ph.D.**

(2013 Award Recipient)

*Bacterial Regulators of Immunity and their Modulation of Host Transcription Factors*

University of Massachusetts Medical School

[Jun.Huh@umassmed.edu](mailto:Jun.Huh@umassmed.edu)

**Craig P. Hunter, Ph.D.**

(1997 Award Recipient)

*Identifying the Regulatory Targets of pal-1*

Harvard University

[hunter@mcb.harvard.edu](mailto:hunter@mcb.harvard.edu)

**Tyler Jacks, Ph.D.**

(1992 Award Recipient)

*Functional Analysis of the p53 Gene*

David H. Koch Institute for Integrative Cancer Research at MIT

[tjacks@mit.edu](mailto:tjacks@mit.edu)

**Ankur Jain, Ph.D.**

(2018 Award Recipient)

*Identifying Cellular Suppressors of RNA Aggregation*

Whitehead Institute for Biomedical Research

[ajain@wi.mit.edu](mailto:ajain@wi.mit.edu)



**David Jeruzalmi, Ph.D.**

(2002 Award Recipient)

*Structure and Function of Biological Assemblies*

The City College of New York

[dj@ccny.cuny.edu](mailto:dj@ccny.cuny.edu)

**Karla R Kaun, Ph.D.**

(2014 Award Recipient)

*Neuro-molecular Mechanisms Underlying Alcoholism*

Brown University

[karla\\_kaun@brown.edu](mailto: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*

Joslin Diabetes Center

[adkostic@gmail.com](mailto:adkostic@gmail.com)

**Philip J. Kranzusch, Ph.D.**

(2016 Award Recipient)

*Mechanism of Activation of a New Human RNA Second Messenger Signaling Enzyme*

Dana-Farber Cancer Institute

[philip\\_kranzusch@dfci.harvard.edu](mailto:philip_kranzusch@dfci.harvard.edu)

**Jordan A. Kreidberg, M.D., Ph.D.**

(1995 Award Recipient)

*A Transgenic Mouse Model of Wilms' Tumor*

Boston Children's Hospital

[jordan.kreidberg@childrens.harvard.edu](mailto:jordan.kreidberg@childrens.harvard.edu)

**Joshua Kritzer, Ph.D., M.Sc.**

(2009 Award Recipient)

*Targeting Hsp90 with Small Cyclic Peptides*

Tufts University

[joshua.kritzer@tufts.edu](mailto:joshua.kritzer@tufts.edu)

**Andrew Kruse, Ph.D.**

(2015 Award Recipient)

*A New Approach to Targeting GPCRs*

Harvard Medical School

[andrew.kruse@hms.harvard.edu](mailto:andrew.kruse@hms.harvard.edu)

**Galit Lahav, Ph.D.**

(2005 Award Recipient)

*p53 Dynamics and Control of Cell Fate*

Harvard Medical School

[Galit\\_Lahav@hms.harvard.edu](mailto:Galit_Lahav@hms.harvard.edu)

**David Lambright, Ph.D.**

(1996 Award Recipient)

*Structural Determinants of G Protein Coupled Signal Transduction*

University of Massachusetts Medical School

[david.lambright@umassmed.edu](mailto:david.lambright@umassmed.edu)

**Matthew J. LaVoie, Ph.D.**

(2005 Award Recipient)

*The Role of Protein Modification and Dysfunction in Parkinson's Disease*

Brigham and Women's Hospital

[mlavoie@rics.bwh.harvard.edu](mailto:mlavoie@rics.bwh.harvard.edu)

**Nathan D. Lawson, Ph.D.**

(2003 Award Recipient)

*Genetic Dissection of the Vascular Endothelial Growth Factor Signaling Pathway*

University of Massachusetts Medical School

[nathan.lawson@umassmed.edu](mailto:nathan.lawson@umassmed.edu)

**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](mailto: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](mailto: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](mailto: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](mailto:anthony_letai@dfci.harvard.edu)

**Michael Levin, Ph.D.**

(2001 Award Recipient)

*The Role of Katp ion Channels in Embryonic Development*

Tufts University

[michael.levin@tufts.edu](mailto: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](mailto: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](mailto: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](mailto:liaomaofu@gmail.com)

**Stuart Licht, Ph.D.**

(2002 Award Recipient)

*Interactions of Sulfonylurea Anti-Diabetic Agents with the ATP-Sensitive Potassium Channel*

Sanofi-Aventis

[stuart.licht@sanofi-aventis.com](mailto:stuart.licht@sanofi-aventis.com)

**Tami Lieberman, Ph.D.**

(2018 Award Recipient)

*Determinants of Bacterial Colonization of Facial Skin*

Massachusetts Institute of Technology

[tami@mit.edu](mailto:tami@mit.edu)

**Klaus Lindpaintner, M.D.**

(1993 Award Recipient)

*Molecular Genetics of Hypertension and Stroke*

Thermo Fisher Scientific

[klaus.lindpaintner@thermofisher.com](mailto: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](mailto: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

[joseph\\_loparo@hms.harvard.edu](mailto:joseph_loparo@hms.harvard.edu)

**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](mailto:blowell@bidmc.harvard.edu)

**Gavin MacBeath, Ph.D.**  
(2002 Award Recipient)  
*Towards the System-Wide Study of  
Neuronally- Expressed PDZ Domains*  
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*The Dishevelled Gene Product and the Establishment of Dorso-Ventral Polarity in *Xenopus* Embryos*  
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