

# Smith Family Awards Program for Excellence in Biomedical Research

A PROGRAM OF THE RICHARD AND SUSAN SMITH FAMILY FOUNDATION



## Alumni Directory

1992 - 2024

Updated, 4/2024

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 \$400,000 over three years.

Over the past 30 years, the Smith Family Awards Program for Excellence in Biomedical Research has helped launch the careers of 197 outstanding scientists with support totaling \$44.1 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.

**Cristina Aguayo-Mazzucato, M.D., Ph.D.**  
(2021 Award Recipient)  
*Targeting Beta-Cell Senescence in Diabetes*  
Joslin Diabetes Center  
[cristina.aguayo-mazzucato@joslin.harvard.edu](mailto:cristina.aguayo-mazzucato@joslin.harvard.edu)

**Judith Agudo, Ph.D.**  
(2019 Award Recipient)  
*Novel platform to increase dendritic cell function and antigen-specific T cell responses to cancer*  
Dana-Farber Cancer Institute  
[Judith\\_Agudo@dfci.harvard.edu](mailto:Judith_Agudo@dfci.harvard.edu)

**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)

**Raghu Chivukula, M.D., Ph.D.**  
(2024 Award Recipient)  
*Elucidating the Molecular Basis of GGC Repeat Expansion Disorders*  
Massachusetts General Hospital  
[rchivukula@mgh.harvard.edu](mailto:rchivukula@mgh.harvard.edu)

**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)

**Steven Chuck, M.D.**

(1997 Award Recipient)

*Regulation of Apolipoprotein B Secretion*

Gilead Sciences

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

**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)

**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 Degtarev, Ph.D.**

(2007 Award Recipient)

*Molecular Mechanism and Oncogenic  
Regulation of Cellular Necrosis*

Tufts University School of Medicine

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

**Josefina del Marmol, Ph.D.**

(2023 Award Recipient)

*Structural Determinants of Odor Transduction  
in the Disease Vector Mosquito Anopheles  
gambiae*

Harvard Medical School

[Josefina\\_delMarmol@hms.harvard.edu](mailto:Josefina_delMarmol@hms.harvard.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*

**Lucas Farnung, Ph.D.**

(2022 Award Recipient)

*Elucidating the Mechanism of Co-  
transcriptional Histone Mark Deposition*

Harvard Medical School

[lucas\\_farnung@hms.harvard.edu](mailto:lucas_farnung@hms.harvard.edu)

**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)

**Ana Fiszbein, Ph.D.**

(2022 Award Recipient)

*Evolution and Regulation of Hybrid Exons*

Boston University

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

**Josué Flores Kim, Ph.D.**

(2023 Award Recipient)

*Bacterial Cell Envelope Remodeling as a  
Conserved Strategy for Modulating Antibiotic  
Tolerance and Virulence Factor Assembly*

University of Massachusetts Medical School

[Josue.FloresKim3@umassmed.edu](mailto:Josue.FloresKim3@umassmed.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)

**Lillian Fritz-Laylin, Ph.D.**  
(2019 Award Recipient)  
*Defining Mechanisms of Pathogenesis of the  
"Brain-eating Amoeba"*  
University of Massachusetts Amherst  
[lfritzlaylin@umass.edu](mailto:lfritzlaylin@umass.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 EIA-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)

**Christine Grienberger, M.D., Ph.D.**  
(2022 Award Recipient)  
*The Biophysical Basis of Neural Circuit  
Dynamics during Learning*  
Brandeis University  
[cgrienberger@brandeis.edu](mailto:cgrienberger@brandeis.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  
[sgrossman@vcu.edu](mailto:sgrossman@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)

**James Jeanne, Ph.D.**  
(2019 Award Recipient)  
*Cracking the neural code for perception by writing spikes into neural circuits*  
Yale University  
[james.jeanne@yale.edu](mailto:james.jeanne@yale.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)

**Naama Kanarek, Ph.D.**  
(2022 Award Recipient)  
*The cellular response to folate deprivation; sensing and signaling for survival in a folate-poor environment*  
Boston Children's Hospital  
[naama.kanarek@childrens.harvard.edu](mailto:naama.kanarek@childrens.harvard.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)

**Nora Kory, Ph.D.**

(2024 Award Recipient)  
*Mitochondrial Transporters as Sensors and Responders to Shifting Environments*  
Harvard T.H. Chan School of Public Health  
[nkory@hsph.harvard.edu](mailto:nkory@hsph.harvard.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  
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**Michael Jungho Lee, Ph.D.**

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*Breaking the Robustness of Bacterial Translation*

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