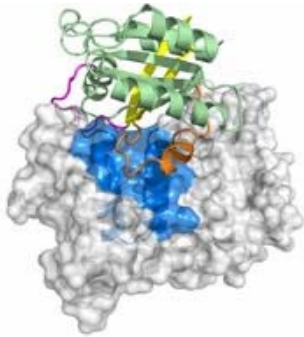


Smith Family Awards Program for Excellence in Biomedical Research

A PROGRAM OF THE RICHARD AND SUSAN SMITH FAMILY FOUNDATION



Award Recipient Directory

1992 - 2010

Updated, April 2011

The Smith Family Foundation created the Smith Family New Investigator Awards Program in 1991 to support promising junior faculty conducting basic research in AIDS/HIV, cancer, heart disease, diabetes or neuroscience. Three years ago, the Program was renamed the Smith Family Awards Program for Excellence in Biomedical Research but the mission remains the same – to launch the careers of outstanding biomedical researchers with the ultimate goal of achieving medical breakthroughs. Now in its 20th year, the Program has funded 120 scientists for a total investment of \$20 million.

The following is a listing of all recipients in alphabetical order with current contact information as well as the title of the original research project. The Smith Family is immensely proud of its award recipients and looks forward to hearing about the research taking place in your laboratories at the annual poster sessions.

Zolt P. Arany, M.D., Ph.D.

(2008 Award Recipient)

Peroxisome Proliferator-Activated Receptor Gamma 1alpha (PGC-1alpha) and Cardiac Angiogenesis

Assistant Professor of Medicine
Beth Israel Deaconess Medical Center
zarany@bidmc.harvard.edu

Scott A. Armstrong, M.D., Ph.D.

(2004 Award Recipient)

Multi-step Pathogenesis of MLL-rearranged Leukemias

Associate Professor of Pediatrics
Children's Hospital Boston
scott.armstrong@childrens.harvard.edu

Leslie J. Berg, Ph.D.

(1993 Award Recipient)

Analysis of the Tsk tyrosine Kinase in Transgenic Mice

Professor of Pathology
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

Assistant Professor of Pediatrics
Children's Hospital Boston
sudha.biddinger@childrens.harvard.edu

Jonathan S. Bogan, M.D.

(2000 Award Recipient)

Role of ARF Proteins in GLUT4 Trafficking

Associate Professor of Medicine and Assistant Professor of Cell Biology
Yale University 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

Assistant Professor
Massachusetts Institute of Technology
lboyer@mit.edu

James E. Bradner, M.D.

(2010 Award Recipient)

Chemical Inhibition of Bromodomains in Cancer

Instructor in Medicine
Dana-Farber Cancer Institute
james_bradner@dfci.harvard.edu

William A. Carlezon, Ph.D.

(1999 Award Recipient)

Neural Substrates of Aversion to Addictive Drugs

Director, Behavioral Genetics Lab; Professor of Psychiatry and Neuroscience, HMS
McLean Hospital
carlezon@mclean.harvard.edu

Francis Ka-Ming Chan, Ph.D.

(2003 Award Recipient)

TNF-Induced Programmed Cell Death in Immune Responses

Assistant Professor of Pathology
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

Assistant Professor of Biochemistry and Molecular Biology
University of Massachusetts Amherst
danchase@biochem.umass.edu

Iain M. Cheeseman, Ph.D.

(2007 Award Recipient)

Proteomic and Functional Dissection of the Human Kinetochores

Member, Whitehead Institute
Assistant Professor of Biology, MIT
Whitehead Institute for Biomedical Research
icheese@wi.mit.edu

Jianzhu Chen, Ph.D.

(1995 Award Recipient)

Molecular Analysis of Memory B Cell Differentiation

Ivan R. Cottrell Professor

Massachusetts Institute of Technology

jchen@mit.edu

James 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

Associate Professor of Biological Chemistry and

Molecular Pharmacology

Harvard Medical School

james_chou@hms.harvard.edu

Steven Chuck, M.D.

(1997 Award Recipient)

Regulation of Apolipoprotein B Secretion

Vice President

Gilead Sciences

steven.chuck@gilead.com

Andrew Connolly, M.D., Ph.D.

(1998 Award Recipient)

Endothelial Protease-Activated Receptors

Associate Professor of Pathology

Stanford University School of Medicine

aconnoll@stanford.edu

Paul B. Cook, Ph.D.

(2000 Award Recipient)

Modulation of Glycinergic Inhibition in the Vertebrate

Manager, Project Planning and Execution

Integrated Project Management

pcook@ipmcinc.com

Daniel H. Cox, Ph.D.

(2000 Award Recipient)

Characterization of the Ca²⁺ Binding Sites of the

Large-Conductance Ca²⁺-Activated K⁺ Channel"

Associate Professor

Tufts University School of Medicine

dan.cox@tufts.edu

Alexei Degterev, Ph.D.

(2007 Award Recipient)

Molecular Mechanism and Oncogenic Regulation of
Cellular Necrosis

Assistant Professor of Biochemistry

Tufts University School of Medicine

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

Li Deng, Ph.D.

(1999 Award Recipient)

A Chemical Approach toward Understanding DNA
Modification

Orrie Friedman Distinguished Professor of

Chemistry

Brandeis University

deng@brandeis.edu

Elaine A. Elion, Ph.D.

(1992 Award Recipient)

Mechanisms of Negative Growth Control in

Saccharomyces cerevisiae

Professor of Biological Chemistry and Molecular

Pharmacology

Harvard Medical School

elaine_elion@hms.harvard.edu

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

(2003 Award Recipient)

The Genetics of Atrial Fibrillation: Exploration of

Endophenotypes

Associate Professor of Medicine

Massachusetts General Hospital

pellinor@partners.org

Sean Elliott, Ph.D.

(2004 Award Recipient)

Thioredoxins, Thioredoxin Reductase and the Mechanisms of Oxidative Stress

Associate Professor of Chemistry

Boston University

elliott@bu.edu

Patrick Emery, Ph.D.

(2002 Award Recipient)

Circadian Rhythms and their Synchronization in Drosophila

Associate Professor of Neurobiology

University of Massachusetts Medical School

patrick.emery@umassmed.edu

Tamar Enoch, Ph.D.

(1993 Award Recipient)

Using Yeast to Identify New Tumor Suppressor Genes

tlxeno@earthlink.net

Jerry Faust, Ph.D.

(1992 Award Recipient)

Cloning and Initial Characterization of a Kidney Specific Transporter for Mevalonic Acid

Associate Professor

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

Senior Investigator and Associate Director

Gladstone Institute of Neurological Disease

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

Assistant Professor of Medicine, HMS and

Associate Physician, Medical Oncology Service

Dana-Farber Cancer Institute

matthew_freedman@dfci.harvard.edu

Marc R. Freeman, Ph.D.

(2004 Award Recipient)

Characterizing Core Components of the Glial Cell Machinery

Associate Professor of Neurobiology / HHMI

University of Massachusetts Medical School

marc.freeman@umassmed.edu

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

(1999 Award Recipient)

Regulation of CTCL Migration to Skin via CLA

Vice Chair of Research

Brigham and Women's Hospital

rfuhlbrigge@partners.org

Jianmin Gao, Ph.D.

(2007 Award Recipient)

Understanding Beta Sheet Structure within the Membrane Bilayer

Assistant Professor, Department of Chemistry

Boston College

gaojc@bc.edu

Timothy J. Gardner, Ph.D.

(2009 Award Recipient)

Exploring the Function of Sleep in Neural Circuit Formation

Assistant Professor of Biology

Boston University

timothyg@bu.edu

Frank B. Gertler, Ph.D.

(1998 Award Recipient)

Mena Function in Tumor Cell Biology and Metastasis

Professor of Biology

Massachusetts Institute of Technology

fgertler@mit.edu

Grace Gill, Ph.D.

(1996 Award Recipient)

Regulation of Cell Growth by Cellular EIA-Like Proteins

Associate Professor of Anatomy
and Cellular Biology
Tufts University School of Medicine
grace.gill@tufts.edu

Lisa Goodrich, Ph.D.

(2003 Award Recipient)

Cellular and Molecular Mechanisms of Sensory System Development

Associate Professor
Harvard Medical School
lisa_goodrich@hms.harvard.edu

Fotini Gounari, Ph.D., D.Sc.

(2003 Award Recipient)

Thymocyte Transformation in the DN to DP Transition

Professor
University of Chicago
fgounari@medicine.bsd.uchicago.edu

Timothy E. Graham, M.D.

(2007 Award Recipient)

Stimulated by Retinoic Acid-6 (Stra6) and Insulin Resistance

Assistant Professor of Biochemistry and of
Medicine and of Nutrition
University of Utah School of Medicine
tgraham@u2m2.utah.edu

Nikolaus Grigorieff, M.Sc., Ph.D.

(2000 Award Recipient)

Structural Analysis of the Shaker Potassium Channel

Professor of Biochemistry
Brandeis University
niko@brandeis.edu

Steven R. Grossman, Ph.D., M.D.

(2000 Award Recipient)

Purification and Analysis of a p53-Targeted Ubiquitin Ligase

Associate Professor
University of Massachusetts Medical School
steven.grossman@umassmed.edu

Marc-Jan Gubbels, Ph.D.

(2006 Award Recipient)

Dissection of Toxoplasma gondii Cell Division, an Opportunistic Pathogen Causing Myocarditis and Encephalitis

Associate Professor
Boston College
gubbelsj@bc.edu

Jeanne A. Hardy, Ph.D.

(2005 Award Recipient)

Designing Allosteric Switches in Caspases

Assistant Professor of Chemistry
University of Massachusetts Amherst
hardy@chem.umass.edu

Akiko Hata, Ph.D.

(2001 Award Recipient)

Mechanisms of TGF- β Signal Transduction

Professor of Biochemistry and Biophysics
University of California, San Francisco
akiko.hata@ucsf.edu (after 6/1/11)
akiko.hata@tufts.edu (until 6/1/11)

Daniel N. Hebert, Ph.D.

(1998 Award Recipient)

Tyrosine Maturation and Degradation in Normal Melanocytes and Melanoma Cells

Professor, Biochemistry and Molecular Biology
University of Massachusetts Amherst
dhebert@biochem.umass.edu

Michael J. Higley, M.D., Ph.D.
(2010 Award Recipient)
Neuromodulation of Synaptic Transmission in the Prefrontal Cortex.
Assistant Professor of Neurobiology
Yale University School of Medicine
m.higley@yale.edu

Philip W. Hinds, Ph.D.
(1993 Award Recipient)
The Retinoblastoma Protein Pathway in Differentiation, Senescence and Cancer
Professor of Radiation Oncology
Tufts Medical Center
phinds@tuftsmedicalcenter.org

Joel Hirschhorn, M.D., Ph.D.
(2002 Award Recipient)
Comprehensive Evaluation of Reported Associations between Common Gene Variants and Obesity"
Professor of Genetics and Pediatrics; Senior Associate, Broad Institute
Children's Hospital Boston
joelh@broadinstitute.org

Andreas Hochwagen, Ph.D.
(2007 Award Recipient)
Investigating the Role of Checkpoint Adaptation in Anti-Cancer Drug Resistance
Whitehead Fellow
Whitehead Institute for Biomedical Research
andi@wi.mit.edu

Jianming Hu, M.D., Ph.D.
(1999 Award Recipient)
Host Factors Required for Hepatitis B Virus Assembly and Replication
Professor
The Pennsylvania State University College of Medicine
juh13@psu.edu

Paul Huang, M.D., Ph.D.
(1994 Award Recipient)
Vascular Function in Nitric Oxide Synthase Mutant Mice
Professor of Medicine and Director, Cardiac Metabolic Syndrome Program
Massachusetts General Hospital
huangp@helix.mgh.harvard.edu

Craig P. Hunter, Ph.D.
(1997 Award Recipient)
Identifying the Regulatory Targets of pal-1
Professor of Molecular and Cellular Biology
Harvard University
hunter@mcb.harvard.edu

Tyler Jacks, Ph.D.
(1992 Award Recipient)
Functional Analysis of the p53 Gene
Director, David H. Koch Institute for Integrative Cancer Research at MIT;
HHMI and Professor of Biology
Massachusetts Institute of Technology
tjacks@mit.edu

David Jeruzalmi, Ph.D.
(2002 Award Recipient)
Structure and Function of Biological Assemblies
Associate Professor
Harvard University
dj@mcb.harvard.edu

Jordan A. Kreidberg, M.D., Ph.D.
(1995 Award Recipient)
A Transgenic Mouse Model of Wilms' Tumor
Associate Professor of Pediatrics, HMS;
Department of Nephrology
Children's Hospital Boston
jordan.kreidberg@childrens.harvard.edu

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

(2009 Award Recipient)

Targeting Hsp90 with Small Cyclic Peptides

Assistant Professor

Tufts University

joshua.kritzer@tufts.edu

Galit Lahav, Ph.D.

(2005 Award Recipient)

p53 Dynamics and Control of Cell Fate

Associate Professor of Systems Biology

Harvard Medical School

Galit_Lahav@hms.harvard.edu

David Lambright, Ph.D.

(1996 Award Recipient)

Structural Determinants of G Protein Coupled Signal Transduction

Professor, Program in Molecular Medicine

University of Massachusetts Medical School

david.lambright@umassmed.edu

Matthew J. LaVoie, Ph.D.

(2005 Award Recipient)

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

Assistant Professor of Neurology

Brigham and Women's Hospital

mlavoie@rics.bwh.harvard.edu

Nathan D. Lawson, Ph.D.

(2003 Award Recipient)

Genetic Dissection of the Vascular Endothelial Growth Factor Signaling Pathway

Associate Professor

University of Massachusetts Medical School

nathan.lawson@umassmed.edu

Jacqueline A. Lees, Ph.D.

(1995 Award Recipient)

The Role of pRB and E2F in Tumorigenesis

Associate Director, David H. Koch Institute for Integrative Cancer Research at MIT;

Professor of Biology

Massachusetts Institute of Technology

jalees@mit.edu

Anthony Letai, M.D., Ph.D.

(2004 Award Recipient)

Decoding BCL-2 Family Interactions to Promote Cancer Cell Death

Assistant Professor of Medicine

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

Professor of Biomedical Engineering

Tufts University

michael.levin@tufts.edu

Rong Li, Ph.D.

(1995 Award Recipient)

The Role of Cdc42 in Actin Cytoskeleton Assembly

Investigator

Stowers Institute for Medical Research

rli@stowers.org

Stuart Licht, Ph.D.

(2002 Award Recipient)

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

Lab Head, Biochemistry and Bioanalytics Group

Sanofi-Aventis

stuart.licht@sanofi-aventis.com

Klaus Lindpaintner, M.D.

(1993 Award Recipient)

Molecular Genetics of Hypertension and Stroke

Vice President, R&D and Chief Scientific Officer
SDIX

klindpaintner@sdix.com

Myra Lipes, M.D.

(1994 Award Recipient)

A Transgenic Approach to the Study of Tolerance

Induction in Type I Diabetes

Investigator, Section on Islet Transplantation and
Cell Biology

Joslin Diabetes Center

myra.lipes@joslin.harvard.edu

Bradford B. Lowell, M.D., Ph.D.

(1994 Award Recipient)

The B3-Adrenergic Receptor: A Gene Knockout

Analysis of Function

Professor of Medicine

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*

Vice President of Translational Research
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*

Assistant in Pediatrics

LADDERS Clinic

kmartien@partners.org

Steven A. McCarroll, Ph.D.

(2010 Award Recipient)

Finding the Human Genome's Missing Pieces

Assistant Professor, Department of Genetics
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

Associate Professor of Pathology

Massachusetts General Hospital

mcclatch@helix.mgh.harvard.edu

David E. Moller, M.D.

(1992 Award Recipient)

*Molecular Genetic Analysis of Candidate P.O. Genes
for Insulin Resistance*

Vice President, Endocrine and Cardiovascular
Research and Clinical Investigation

Eli Lilly and Company

mollerda@lilly.com

Melissa J. Moore, Ph.D.

(1994 Award Recipient)

*Dynamics of Protein-RNA Interaction in the
Mammalian Spliceosome*

Co-Director, RNA Therapeutics Institute; HHMI
and Professor, Department of Biochemistry and
Molecular Pharmacology

University of Massachusetts Medical School

melissa.moore@umassmed.edu

Martin G. Myers, M.D., Ph.D.

(1998 Award Recipient)

*Molecular Determinants of Leptin Receptor/Jak2
Signaling*

Professor of Diabetes Research; Associate

Professor of Medicine and Physiology

University of Michigan Medical School

mgmyers@umich.edu

Sarah E. O'Connor, Ph.D.

(2003 Award Recipient)

Human Biosynthesis of Alkaloids: Chemical Inducers of Parkinson's Disease

Associate Professor of Chemistry

Massachusetts Institute of Technology

soc@mit.edu

Suzanne Paradis, Ph.D.

(2008 Award Recipient)

Dissecting the Function of Semaphorin 4B in Excitatory and Inhibitory Synapse Formation

Assistant Professor

Brandeis University

paradis@brandeis.edu

Sareh Parangi, M.D.

(1999 Award Recipient)

Antiangiogenic Therapy, A Novel Therapy for Pancreatic Cancer

Associate Professor of Surgery

Massachusetts General Hospital

sparangi@partners.org

Christopher L. Passaglia, Ph.D.

(2005 Award Recipient)

Retinal Coding of Visual Information in Glaucomatous Eyes

Assistant Professor

Boston University

psagls@bu.edu

Christopher R. Pierce, Ph.D.

(1999 Award Recipient)

Neurotrophins and Cocaine Addiction

Associate Professor

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

Associate Professor

Tufts University School of Medicine

emmanuel.pothos@tufts.edu

Sridhar Ramaswamy, M.D.

(2002 Award Recipient)

Molecular Diagnostics for Cancer Metastasis

Tucker Gosnell Investigator and

Assistant Professor of Medicine

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

Member, Whitehead; Associate Professor of Biology, MIT

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

Associate Professor

University of Massachusetts Medical School

nick.rhind@umassmed.edu

John Rinn, Ph.D.

(2008 Award Recipient)

Large Intergenic Non-Coding RNAs in Cancer

Assistant Professor, Stem Cell and Regenerative Biology

Harvard University

john_rinn@harvard.edu

Tobias Ritter, Ph.D.

(2008 Award Recipient)

Approach to Access Positron-Emission-Tomography (PET) Tracers for Molecular Imaging

Associate Professor

Harvard University

ritter@chemistry.harvard.edu

Sandra Ryeom, Ph.D.

(2005 Award Recipient)

Cancer Protection by the Down Syndrome Candidate Region-1 Gene

Assistant Professor of Cancer Biology

University of Pennsylvania School of Medicine

sryeom@upenn.edu

Bernardo L. Sabatini, M.D., Ph.D.

(2001 Award Recipient)

The Role of Regulated Protein Translation in Synapse Formation and Spine Growth

Takeda Professor of Neurobiology

Harvard Medical School

bernardo_sabatini@hms.harvard.edu

Adrian Salic, Ph.D.

(2005 Award Recipient)

Chromosome Segregation in Vertebrates: A Multidisciplinary Approach to Understanding Kinetochore Function and Centromeric Cohesion

Assistant Professor of Cell Biology

Harvard Medical School

adrian_salic@hms.harvard.edu

Susan L. Santangelo, Sc.D.

(1997 Award Recipient)

Using Extremely Discordant Sib-Pairs to Search for Autism Genes

Associate Professor of Psychiatry, HMS; Associate

Professor in Epidemiology, HSPH

Massachusetts General Hospital

ssantangelo@pngu.mgh.harvard.edu

Dietmar Schmucker, Ph.D.

(2001 Award Recipient)

Function of the Molecular Diversity of Neuronal Receptors

Group Leader, Adjunct Director; Prof. of

Molecular and Cellular Medicine, KU Leuven

VIB Vesalius Research Center

dietmar.schmucker@vib-kuleuven.be

Gavin R. Schnitzler, Ph.D.

(2000 Award Recipient)

Human Chromatin Remodeling Complexes and Transcriptional Control

Assistant Professor of Biochemistry

Tufts University School of Medicine

gavin.schnitzler@tufts.edu

David C. Seldin, M.D., Ph.D.

(1996 Award Recipient)

Casein Kinase II and Lymphomagenesis in Transgenic Mice

Professor of Medicine and Microbiology

Boston University Medical Center

dseldin@bu.edu

Piali Sengupta, Ph.D.

(1997 Award Recipient)

Role of Nuclear Receptors in the Chemosensory System of C. elegans

Professor of Biology

Brandeis University

sengupta@brandeis.edu

Matthew D. Shair, Ph.D.

(1997 Award Recipient)

Discovery of Small Molecules which Disrupt Protein-Protein Interactions

Professor, Department of Chemistry and

Chemical Biology

Harvard University

shair@chemistry.harvard.edu

Ann M. Sheehy, Ph.D.

(2007 Award Recipient)

*Harnessing the Power of the Anti-HIV Protein
APOBEC3G*

Associate Professor, Department of Biology
College of the Holy Cross
asheehy@holycross.edu

Michael Y. Sherman, Ph.D.

(1996 Award Recipient)

*Molecular Chaperones and Degradation of Oxidatively
Damaged Proteins*

Professor of Biochemistry
Boston University School of Medicine
sherman@biochem.bumc.bu.edu

Ramesh A. Shivdasani, M.D., Ph.D.

(1997 Award Recipient)

*Identification and Characterization of Genes that
Regulate Vertebrate Gut Epithelial Cell Differentiation*

Associate Professor of Medicine
Dana-Farber Cancer Institute
ramesh_shivdasani@dfci.harvard.edu

Sergei Y. Sokol, Ph.D.

(1994 Award Recipient)

*The Dishevelled Gene Product and the Establishment
of Dorso-Ventral Polarity in Xenopus Embryos*

Professor, Developmental and Regenerative
Biology
Mount Sinai School of Medicine
sergei.sokol@mssm.edu

Kimberly Stegmaier, M.D.

(2007 Award Recipient)

*Chemical Genomic Approach to Modulating
Oncogenic Transcription Factors*

Assistant Professor of Pediatrics, Department of
Pediatric Oncology
Dana-Farber Cancer Institute
kimberly_stegmaier@dfci.harvard.edu

Beth Stevens, Ph.D.

(2008 Award Recipient)

*The Role of the Complement Cascade in Eliminating
Synapses during Development and Disease*

Assistant Professor, F.M. Kirby
Neurobiology Center
Children's Hospital Boston
beth.stevens@childrens.harvard.edu

Masahiko Sugita, M.D.

(2000 Award Recipient)

*A Novel Pathway for Lipid Antigen Presentation by
CD1 Molecules*

Professor, Institute for Virus Research
Kyoto University
msugita@virus.kyoto-u.ac.jp

Sam Thiagalingam, Ph.D.

(2000 Award Recipient)

hBUB1, an Alternate Target for p53 Inactivation
Associate Professor of Genetics and Genomics

Boston University School of Medicine
samthia@bu.edu

Stefan Thor, Ph.D.

(2000 Award Recipient)

*Specification of Neuronal Cell Identities during
Drosophila Embryogenesis*

Professor of Developmental Biology
Linköping University
stefan.thor@liu.se

Alex Toker, Ph.D.

(1998 Award Recipient)

*The Role of Protein Kinase C in Integrin-Mediated
Tumor Invasion*

Professor of Pathology
Beth Israel Deaconess Medical Center
atoker@bidmc.harvard.edu

Shannon J. Turley, Ph.D.

(2005 Award Recipient)

Targeting IkappaB Kinase in Dendritic Cells to Prevent Pancreatic Cancer

Assistant Professor of Pathology

Dana-Farber Cancer Institute

shannon_turley@dfci.harvard.edu

Naoshige Uchida, Ph.D.

(2007 Award Recipient)

Elucidating Neural Circuits Underlying Decision-Making in Rodents

Assistant Professor, Department of Molecular and Cellular Biology

Harvard University

uchida@mcb.harvard.edu

Sander van den Heuvel, Ph.D.

(1998 Award Recipient)

Genetic Analysis of Cell-Cycle Regulation and Checkpoint Control

Professor of Developmental Biology

Utrecht University

s.j.l.vandenHeuvel@uu.nl

David Van Vactor, Ph.D.

(1997 Award Recipient)

Molecular Analysis of Fastlane, a Novel Gene Required for Specific Axon Guidance

Professor of Cell Biology

Harvard Medical School

davie@hms.harvard.edu

Matthew G. Vander Heiden, M.D., Ph.D.

(2010 Award Recipient)

The Impact of Pyruvate Kinase Activity on Cancer Cell Metabolism and Tumor Growth In Vivo

Assistant Professor

Massachusetts Institute of Technology

mvh@mit.edu

Shobha Vasudevan, Ph.D.

(2010 Award Recipient)

Regulation of Quiescence by MicroRNAs

Assistant Professor, Assistant Geneticist

Massachusetts General Hospital

vasudevan.shobha@mgh.harvard.edu

Douglas E. Vetter, Ph.D.

(2001 Award Recipient)

A Transgenic and Proteomic Analysis of Olivocochlear System Function and Development

Assistant Professor of Neuroscience

Tufts University School of Medicine

douglas.vetter@tufts.edu

Amy J. Wagers, Ph.D.

(2004 Award Recipient)

Intrinsic and Extrinsic Regulators of Hematopoietic Stem Cell Function

Associate Professor, Dept. of Stem Cell and Regenerative Biology, Harvard University

Joslin Diabetes Center

amy.wagers@joslin.harvard.edu

Yong-Xu Wang, Ph.D.

(2006 Award Recipient)

Transcriptional Control of Hepatic Gluconeogenesis by Twist-1

Assistant Professor

University of Massachusetts Medical School

yongxu.wang@umassmed.edu

Hongwei Wang, Ph.D.

(2009 Award Recipient)

Structure and Mechanism of the Human RISC-Loading Complex

Assistant Professor of Molecular Biophysics and Biochemistry

Yale University

hongwei.wang@yale.edu

Steven Warach, M.D., Ph.D.

(1993 Award Recipient)

Distinguishing Reversible from Irreversible Ischemic Neuronal Injury

Senior Investigator, Stroke Diagnostic and Therapeutic Section

National Institutes of Health

warachs@ninds.nih.gov

Christian H. Weber, M.D.

(1999 Award Recipient)

Human Gastrin-Releasing Peptide Receptor Gene Regulation

Assistant Professor of Medicine, Assistant

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Genetic Control of Apoptosis in Drosophila

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Synaptic Mechanisms of Chemical Stimulus Encoding

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Hepatic Stellate Cells Instruct Lymphoid Progenitors to Home to the Thymus

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Mechanisms of HIV Suppression by Human Antiviral Protein APOBEC3G and HIV's Countermeasures

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Sensing and Signaling DNA Damage in Human Cells

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