



Alumni Directory

1992- 2023

Updated,4/2023

Cristina Aguayo Mazzucato M.D., Ph.D.
(2021 Award Recipient)
Targeting Beta-Cell Senescence in Diabetes
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Novel platform to increase dendritic cell function and antigen-specific T cell responses to cancer
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Mark L. Andermann, Ph.D.
(2012 Award Recipient)
Cortical Networks Guiding Hunger-Dependent Attention to Food Cues
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Zolt P. Arany, M.D., Ph.D.
(2008 Award Recipient)
Peroxisome Proliferator-Activated Receptor Gamma 1alpha (PGC-1alpha) and Cardiac Angiogenesis
University of Pennsylvania
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Scott A. Armstrong, M.D., Ph.D.
(2004 Award Recipient)
Multi-step Pathogenesis of MLL-rearranged Leukemias
Memorial Sloan-Kettering Cancer Center
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Emily Patricia Balskus, Ph.D.
(2011 Award Recipient)
Understanding and Preventing the Production of Disease-Associated Metabolites by the Human Gut Microbiota
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Jennifer Benanti, Ph.D.
(2011 Award Recipient)
Mapping the Proteolytic Regulatory Network that Controls Cell Division
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Leslie J. Berg, Ph.D.
(1993 Award Recipient)
Analysis of the Tsk tyrosine Kinase in Transgenic Mice
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Sudha Biddinger, M.D., Ph.D.
(2010 Award Recipient)
Regulation of the LDLR by Insulin and Diabetes
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(2000 Award Recipient)
Role of ARF Proteins in GLUT4 Trafficking
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(2009 Award Recipient)
Non-coding RNA as a Regulator of Cell Fate through Functional Interaction with Polycomb Group Proteins
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James E. Bradner, M.D.
(2010 Award Recipient)
Chemical Inhibition of Bromodomains in Cancer
Novartis Institutes of Biomedical Research
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*Deconstructing the Cellular Antenna: Primary
Cilium Disassembly and Control of Cell
Growth*
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AlanBrown, Ph.D.
(2018 Award Recipient)
Structural Basis of Intraflagellar Transport

Patrick T. Ellinor, M.D., Ph.D.
(2003 Award Recipient)
*The Genetics of Atrial Fibrillation: Exploration
of Endophenotypes*
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Sean Elliott, Ph.D.
(2004 Award Recipient)
*Thioredoxins, Thioredoxin Reductase and the
Mechanisms of Oxidative Stress*
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Patrick Emery, Ph.D.
(2002 Award Recipient)
*Circadian Rhythms and their Synchronization
in Drosophila*
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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*
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Jerry Faust, Ph.D.
(1992 Award Recipient)
*Cloning and Initial Characterization of a Kidney
Specific Transporter for Mevalonic Acid*
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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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Ana Fiszbein Ph.D.
(2022 Award Recipient)
Evolution and Regulation of Hybrid Exons

Robert C. Fuhlbrigge, M.D., Ph.D.
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Regulation of CTCL Migration to Skin via CLA
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*Understanding Beta Sheet Structure within
the Membrane Bilayer*
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(2014 Award Recipient)
*Maintenance of Genome Stability by the
SHP-1/PTEN/ATR/ATRIP Pathway*
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*Exploring the Function of Sleep in Neural
Circuit Formation*
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(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
Metastasis*
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(1996 Award Recipient)
*Regulation of Cell Growth by Cellular EIA-Like
Proteins*
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(2003 Award Recipient)
*Cellular and Molecular Mechanisms of
Sensory System Development*
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Fotini Gounari, Ph.D., D.Sc.
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633.129580-1100-BTU-01-Supp-05-F-Pathway-12-001232453216-Timothy Gardner (at BU) (17) DN1 (1) DP2011 by Sctwo

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(2013 Award Recipient)
*Heterochromatin Variation, Bisphenol A
sensitivity, and Environmental Epigenomics*
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(2021 Award Recipient)
*Early Visual Centers Coordinate to Shape the
Flow of Information*
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(2004 Award Recipient)
*Decoding BCL-2 Family Interactions to
Promote Cancer Cell Death*
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(2016 Award Recipient)
*Cryo-EM Studies of the Structure of the
Human Eye Lens*
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Michael Levin, Ph.D.
(2001 Award Recipient)
*The Role of K⁺ Ion Channels in Embryonic
Development*
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(2019 Award Recipient)
*Whole-brain dopamine dynamics underlying
sleep and wakefulness*
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(2016 Award Recipient)
*Breaking the Robustness of Bacterial
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*The Role of Cdc42 in Actin Cytoskeleton
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(1994 Award Recipient)
*Dynamics of Protein-RNA Interaction in the
Mammalian Spliceosome*
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Noah Wolcott Palm, Ph.D.
(2016 Award Recipient)
*A Universal Genetic Toolkit to Illuminate
Host-Microbiota Interactions*
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Martin G. Myers, M.D., Ph.D.
(1998 Award Recipient)
*Molecular Determinants of Leptin
Receptor/Jak2 Signaling*
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Suzanne Paradis, Ph.D.
(2008 Award Recipient)

Sarah E. O'Connor, Ph.D.
(2003 Award Recipient)
*Human Biosynthesis of Alkaloids: Chemical
Inducers of Parkinson's Disease*
The John Innes Center
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(2019 Award Recipient)
*Inflammatory Memory and Adaptation in
Human Intestinal Epithelial Stem Cells*
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Lauren Orefice, Ph.D.
(2019 Award Recipient)
*Development, Function and Dysfunction of
Peripheral Sensory Neurons: Insights for
Autism Spectrum Disorders*
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Megan Orzalli Ph.D.
(2022 Award Recipient)
*The role of tonic interferon signaling in
cutaneous antiviral defense*
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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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Beth Stevens, Ph.D.
(2008 Award Recipient)
The Role of the Com avp^{8p} Zct

Berna Sozen, Ph.D.
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*Deciphering Principles of Human Embryonic
Patterning in Development and Disease*
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*Elucidating Novel Circuits of Electron Flow in
the Mammalian Electron Transport Chain*
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(2017 Award Recipient)
*Peering into Cancer Stem Cell Niches to Guide
Suppression of Multiple Signaling Loop
Pathways*
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*Cellular Dynamics and Regulation of
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*Chemical Genomic Approach to Modulating
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*Specification of Neuronal Cell Identities
during Drosophila Embryogenesis*
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Alex Toker, Ph.D.
(1998 Award Recipient)
*The Role of Protein Kinase C in Integrin-
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*Role of Protein Turnover Pathways in
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Shannon J. Turley, Ph.D.
(2005 Award Recipient)
*Targeting I κ B Kinase in Dendritic Cells to
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(2007 Award Recipient)
*Elucidating Neural Circuits Underlying
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*Regulation of Anaphylactic IgE Promoting
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*Sensing and Signaling DNA Damage in
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