The Medical Foundation

Where Science and Philanthropy Converge

2019 Program Awardees and Scientific Review Committees
Welcome

Since 1957, The Medical Foundation at HRiA has been a recognized leader in developing high-impact biomedical research grant programs that accelerate medical discoveries and advance public health.

The Medical Foundation is proud to:

- partner with private individuals, family foundations, and bank trusts to create and manage customized grant programs,
- offer life sciences consulting services to determine the best way to impact the field,
- work with distinguished scientific experts to impartially review proposals,
- and efficiently manage 16 funding opportunities.

In 2019, on behalf of our clients, The Medical Foundation awarded more than $25 million in new grants to over 100 postdoctoral fellows, junior faculty, and independent research scientists worldwide.

This document recognizes each of the clients, committee members, and awardees who are helping to spur new findings in medicine and clinical care, advance scientific career development, and improve the health outcomes for countless numbers of people.

2019 Programs

- Alagille Syndrome Accelerator Award
- Hilda and Preston Davis Foundation Awards Program for Eating Disorders Research
- Dr. Ralph and Marian Falk Medical Research Trust
- Harold S. Geneen Charitable Trust Awards Program for Coronary Heart Disease Research
- Charles H. Hood Foundation Child Health Research Awards Program
- Jeffress Trust Awards Program in Interdisciplinary Research
- Charles A. King Trust Postdoctoral Research Fellowship Program
- Deborah Munroe Noonan Memorial Research Fund
- Robert E. Leet and Clara Guthrie Patterson Trust Mentored Research Awards
- Smith Family Awards Program for Excellence in Biomedical Research
- Smith Family Foundation: Odyssey Award
- Henry and Marilyn Taub Foundation Grants Program for MDS Research
- Edward N. and Della L. Thome Memorial Foundation Awards Program in Age-Related Macular Degeneration Research

For the latest information, please visit:
The Medical Foundation: hria.org/tmf/TheMedicalFoundation
2019 Awardees

Alagille Syndrome Accelerator Award

Melissa Gilbert, Ph.D.
Children’s Hospital of Philadelphia
THBS2 as a Genetic Modifier of Liver Disease Severity in Alagille Syndrome

Hamed Jafar-Nejad, M.D.
Baylor College of Medicine
Evaluating SOX9 as a Potential Therapeutic Target in ALGS

Hamed Jafar-Nejad, M.D.
Baylor College of Medicine
Negative Regulation of Jagged1 (JAG1) by Glycosylation: Towards a Mechanism-Based Therapy for Alagille Syndrome

For more information, please visit: hria.org/tmf/alagille/
2019 Awardees

Hilda and Preston Davis Foundation Awards Program for Eating Disorders Research

Senior Postdoctoral Fellowship

Andrew Lutas, Ph.D.
Beth Israel Deaconess Medical Center / Harvard Medical School
Neural Circuits Mediating Hunger-Dependent Avoidance of Aversive Cues in Anorexia Nervosa

Kimberly Smith, Ph.D.
Johns Hopkins University
Real-Time Neurobehavioral Effects of Meal-Based Weight Restoration on Taste Preferences and Reward Circuitry in Anorexia Nervosa

Junior Faculty Awards

Ann Haynos, Ph.D.
University of Minnesota
Real-time fMRI Neurofeedback to Alter Limbic Disturbances and Eating Disorder Behavior in Anorexia Nervosa

Joseph McGuire, Ph.D.
Johns Hopkins University
Fear Conditioning and Extinction Learning In Anorexia Nervosa

For more information, please visit:
Davis Senior Postdoctoral Fellowship: hria.org/tmf/DavisFellow/
Davis Junior Faculty Awards: hria.org/tmf/davisjunior/
2019 Awardees

Dr. Ralph and Marian Falk Medical Research Trust

Catalyst Awards

Allan Brasier, M.D.
University of Wisconsin-Madison
Targeting the Myofibroblast Epigenome for First-In-Class Treatment of Chronic Obstructive Pulmonary Disease, COPD

John Bushweller, Ph.D.
University of Virginia
RUNX1-ETO Targeted Small Molecule Therapy for t(8;21) Acute Myeloid Leukemia

Lin Guo, Ph.D.
Thomas Jefferson University
Developing Therapeutic Agents to Rescue Neurotoxicity of FUS Aberrant Phase Transition

Yogendra Kanthi, M.D.
University of Michigan
Combating Venous Thrombo-Inflammation with Precision Bio-functional Therapies

Chaitan Khosla, Ph.D.
Stanford University
A Novel Therapeutic Approach for Major Depressive Disorder

Jeannette Messer, D.V.M., Ph.D.
The Cleveland Clinic
Crafting New Weapons for the Fight Against Infectious Diseases

Jon Parquette, Ph.D.
The Ohio State University
Antioxidant Nanoscaffold Technology for Combinatorial Treatment of Diabetes

Anne Rowley, M.D.
Ann & Robert H. Lurie Children’s Hospital of Chicago
A New Human Hepacivirus as an Etiologic Agent of Kawasaki Disease

Sarah Slavoff, Ph.D.
Yale University
Targeted Degradation of a Melanoma Transcription Factor

Fei Song, M.D., Ph.D.
University of Illinois College of Medicine at Chicago
Therapeutic Targeting of Disease Progression in ALS

Takanori Takebe, M.D., Ph.D.
Cincinnati Children’s Hospital Medical Center
Novel Human Organoid Transplant Therapy Against Pediatric Liver Disease

Hongwei Yao, Ph.D.
Brown University
Identification of Carnitine Palmitoyltransferase 1A as a Novel Target for Bronchopulmonary Dysplasia
2019 Awardees

Dr. Ralph and Marian Falk Medical Research Trust

Transformational Awards

Mark Kay, M.D., Ph.D.
Stanford University
Enhanced rAAV Mediated Genome Editing Using Ribonucleotide Reductase Inhibitors

Ari Melnick, M.D.
Weill Medical College of Cornell University
SIRT3 Targeted Therapy for B-Cell Lymphomas

Mark Mitton-Fry, Ph.D.
The Ohio State University
Combating Antibiotic Resistance with Novel Bacterial Topoisomerase Inhibitors

Xin Qi, Ph.D.
Case Western Reserve University
Enhancers of Mitochondrial Function as Candidate Therapeutics for Huntington's Disease

For more information, please visit:
Falk Catalyst Awards: hria.org/tmf/FalkCAP
Falk Transformational Awards: hria.org/tmf/FalkTAP
2019 Awardees

Harold S. Geneen Charitable Trust Awards Program for Coronary Heart Disease Research

Francis Alenghat, M.D., Ph.D.
University of Chicago

*Serum Amyloid A Inhibition of Macrophage Lipoprotein Lipase and its Impact on Synthesis of Specialized Pro-resolving Mediators*

Frank Brozovich, M.D., Ph.D.
Mayo Clinic

*The Vascular Phenotype and Novel Targets for Heart Failure with Perserved Ejection Fraction (HFpEF)*

*For more information, please visit: hria.org/tmf/Geneen*
2019 Awardees

Charles H. Hood Foundation Child Health Research Awards Program

January Cycle

David Martinelli, Ph.D.
A.J. Pappanikou Center for Excellence in Developmental Disabilities
Establishing the C1Q-like Protein Signaling Pathway as a Novel Target for ADHD Treatments

Hongmei Mou, Ph.D.
Massachusetts General Hospital
Genetic Etiology Study of Neuroendocrine Cell Hyperplasia of Infancy (NEHI) on Dish

Sarita Patil, M.D.
Massachusetts General Hospital
Protective Antibodies in Immunotherapy for Peanut Allergy

Kristopher Sarosiek, Ph.D.
Harvard T.H. Chan School of Public Health
Role of Apoptosis in Childhood Traumatic Brain Injuries: Blocking Cell Death to Improve Outcomes

Xiaolei Su, Ph.D.
Yale School of Medicine
Mechanism of Chimeric Antigen Receptor (CAR) Signaling

July Cycle

William Chang, M.D., Ph.D.
Yale University
Microvascular Networks on a Chip to Investigate How Hyperglycemia Induces Microangiopathy in Type 1 Diabetes

Jason Greenberg, M.D., M.H.S.
Yale University
Real-time Prediction and Intervention for Impending Acute Kidney Injury in Hospitalized Children

Nate Jowett, M.D.
Massachusetts Eye and Ear Infirmary
Gene Therapy for Peripheral Nerve Repair

Eunjung Alice Lee, Ph.D.
Boston Children’s Hospital
Systematic Discovery and Correction of Splicing Defects caused by Retroelement Insertions

Ellen Roche, Ph.D.
Massachusetts Institute of Technology
A Circulatory Support Device for Children with Univentricular Hearts and Failing Fontan Physiology
2019 Awardees

Charles H. Hood Foundation Major Grants Initiative to Advance Child Health

Terrie Inder, M.D.
Brigham and Women’s Hospital
The Evolution and Consequences of Perinatal Ischemic Brain Injury

Carla Kim, Ph.D.
Boston Children’s Hospital
Harnessing the Lung Microenvironment to Fight Bronchopulmonary Dysplasia

For more information, please visit: hria.org/tmf/Hood
2019 Awardees

Jeffress Trust Awards Program in Interdisciplinary Research

Xianming Bai, Ph.D.
Virginia Polytechnic Institute and State University
*Designing Next-Generation Batteries for Extreme Conditions from First Principles, Defect Science, and Machine Learning*

Hunter Bennett, Ph.D.
Old Dominion Research Foundation
*An Innovative Interdisciplinary Examination Of Movement Efficiency For Youth With Autism Spectrum Disorder, A Pilot Study*

Prateek Bhakta, Ph.D.
University of Richmond
*Towards Robust and Fair Allocation Policies for Liver Donations*

Phoebe Chappell, Ph.D.
Old Dominion University Research Foundation
*Exploring A Pelagic N2 Fixation “Hotspot” Along The Mid-Atlantic Bight Continental Shelf*

Tong Chen, Ph.D.
University of Virginia
*Modeling Energy & Emissions of Autonomous Electric Vehicles*

Samy El-Tawab, Ph.D.
James Madison University
*Independent Mobility for the Elderly: Machine-Learning-Based Passenger-Aware User Interfaces for Autonomous Vehicles*

Keigo Fukumura, Ph.D.
James Madison University
*Modeling Hard X-Ray Obscuration in Active Galactic Nuclei with Accretion Disk-Winds*

Dipankar Ghosh, Ph.D.
Old Dominion University Research Foundation
*Quantitative Understanding Of The Role of Dielectrophoretic Forces (DEP) In The Synthesis Of Ice-Templated Hierarchical, Directionally Porous Ceramics And Structure-Property Relationships*

Wenying Ji, Ph.D.
George Mason University
*Decision Support System for Enhanced Infrastructure System Serviceability Following Natural Disasters: A Social Media Mining Approach*

Oleksandr Kokhan, Ph.D.
James Madison University
*Regulation of Substrate Binding in the bc1 Complex*

Jenna Krall, Ph.D.
George Mason University
*Hierarchical Source Apportionment for Exposure to Traffic-Related Air Pollution*
2019 Awardees

Justin Lemkul, Ph.D.
Virginia Polytechnic Institute and State University
Towards Computational Drug Design Against DNA G-Quadruplexes

Kendra Letchworth Weaver, Ph.D.
James Madison University
Determining Nanoscale Interfacial Structure by Integrating Quantum and Statistical Mechanics with Experimental Characterization

Xu Liu, Ph.D.
College of William and Mary
Supporting Efficient Execution of Computational Models

Eyleen O’Rourke, Ph.D.
University of Virginia
Pan-modeling of Animal Metabolism: The C. elegans Project

Tara Pelletier, Ph.D.
Radford University
Long-term Impacts Of The Mountain Valley Pipeline On The Physical Habitat, Water Chemistry, And Biodiversity Of Mill Creek, Roanoke County, Virginia

Loren Picco, Ph.D.
Virginia Commonwealth University
Using Artificial Intelligence (AI) Feedback Control Principles To Bypass Acquired Chemotherapy Resistance In Breast Cancer

Emily Rivest, Ph.D.
College of William and Mary
Fast Food On High-Speed Real Estate – A Bioindicator For Effects Of Climate Change On The Virginia Coast Barrier Island Ecosystem

Navid Tahvildari, Ph.D.
Old Dominion University Research Foundation
An Integrated Computational Framework for Hydrodynamic and Biological Processes in Seagrasses

Bridget Thomson McInnes, Ph.D.
Virginia Commonwealth University
Advancing Biomedical Research with Machine Assisted Experimental Design

Feitian Zhang, Ph.D.
George Mason University
A Computational Approach to Autonomous Monitoring of Subsea Infrastructure

Liang Zhao, Ph.D.
George Mason University
Evaluation of Molecular Structures via Deep Learning

For more information, please visit: hria.org/tmf/Jeffress
2019 Awardees

Charles A. King Trust Postdoctoral Fellowship Program
Basic Science

Andrew Gehrke, Ph.D.
President and Fellows of Harvard College
The Dynamics of 3D Genome Structure During Whole-body Regeneration

Yinan Hu, Ph.D.
Boston College
Mechanisms of Thyroid Hormone Mediated Bone Patterning

Maurice Itoe, Ph.D.
President and Fellows of Harvard College
Unravelling the Role of Lipids in the Development of Plasmodium falciparum in the Anopheles Mosquito

Karina Jouravleva
Harvard Medical School
Understanding How Dicer Partner Proteins Establish microRNA Target Specificity

Rajendhran Rajakumar, B.Sc., Ph.D.
Harvard Medical School
Ovarian Signaling: A Nexus for Interorgan Communication

Federico Rosconi, Ph.D.
Boston College
Pan-Genome Wide Scale Analysis of the Evolution of Gene Essentiality in Streptococcus pneumoniae, and the Design of Synergistic Drug Interactions

Leonid Yurkovetskiy, Ph.D.
Harvard Medical School
Mechanism of Epigenetic Silencing by the HUSH Complex

Charles A. King Trust Postdoctoral Fellowship Program
Clinical/Health Services

Avika Dixit, MBBS
Boston Children’s Hospital
Insights into Multidrug Resistant Tuberculosis Using Large Scale Genomic Data

Jason Maley, M.D.
Beth Israel Deaconess Medical Center / Harvard Medical School
Development of a Novel Model to Understand Health-Care Waste and Value in the Intensive Care Unit

For more information, please visit:
hría.org/tmf/KingBasic
hría.org/tmf/KingClinical
2019 Awardees

Deborah Munroe Noonan Memorial Research Fund

Cheri Blauwet, M.D.
Spaulding Rehabilitation Hospital
Virtual Peer Health Coaching as an Effective Intervention for Increasing Physical Activity in Adolescents with Physical Disability

Susanne Hay, M.D.
Beth Israel Deaconess Medical Center / Harvard Medical School
Systemic Corticosteroids For The Prevention And Treatment Of Bronchopulmonary Dysplasia—A Network Meta-Analysis

Mary Hughes, Ph.D.
Franciscan Hospital for Children
Emergency Preparedness: Parent Training For Children With Medical Complexity Using Simulation Learning

Deirdre Logan, Ph.D.
Boston Children’s Hospital
Ready for Change: A Telehealth, Motivation Enhancement Prehabilitation Training to Increase Engagement in Children and Families Entering Intensive Interdisciplinary Pain Rehabilitation

Ryan Martin, M.S., Ph.D.
May Institute Inc.
Feasibility of Home-Based Caregiver Training for Children with Autism Spectrum Disorder via Telehealth

Lotfi Merabet, Ph.D., M.P.H.
Massachusetts Eye and Ear Infirmary
Characterizing Functional Visual Processing In Cerebral Compared to Ocular Visual Impairment

For more information, please visit: hria.org/tmf/Noonan
2019 Awardees

Patterson Trust Fellowship Program in Clinical Research

Anika Anam, M.D.
Yale School of Medicine
*The Role of Insulin in Endometrial Cancer Pathogenesis: Metabolic Phenotyping of Women with Endometrial Cancer*

Prasanna Ananth, M.D., M.P.H.
Yale School of Medicine
*Establishing Benchmarks for High Quality End-of-Life Care in Children with Cancer*

Mari Armstrong-Hough, Ph.D., M.P.H.
New York University
*Predicting and Preventing Tuberculosis Treatment Failure in an Emerging Co-Epidemic of HIV, Diabetes, and Tuberculosis*

Whitney Besse, M.D.
Yale School of Medicine
*The Search for Novel ADPKD Treatment Targets: Gene Discovery for Autosomal Dominant Polycystic Kidney and Liver Disease*

Aarti Bhatia, M.D., M.P.H.
Yale University
*Predictive Biomarkers of Response to Human Epidermal Growth Factor Receptor-3 (HER3) Blockade in Patients with Squamous Cell Cancers of the Head and Neck*

Krysten Bold, Ph.D.
Yale School of Medicine
*Evaluating the Feasibility and Efficacy of a Real-Time Smoking Intervention Using Wearable Technology*

Christopher Bunick, M.D., Ph.D.
Yale University
*Development of First-in-class Anti-cancer Therapeutics Targeting Keratin Intermediate Filaments*

Shelli Farhadian, M.D., Ph.D.
Yale University
*Central Nervous System Immune Activation During Virologically-Suppressed HIV*

Alicia Little, M.D., Ph.D.
Yale School of Medicine
*Role of T Follicular Helper (Tfh) Cells in Chronic Cutaneous Lupus Erythematosus*

Sherry Mansour, D.O.
Yale University
*Phenotyping Deceased Donor Acute Kidney Injury to Predict Recipient Outcomes*

Mohamed Sheriff, M.D., M.Sc.
Yale University
*An Electrophysiological Investigation of Mechanisms Underlying the Rapid Antidepressant Effect of Ketamine*

Juan Vasquez, M.D.
Yale University
*Leveraging Oncometabolite-Induced DNA Repair Defects for Immunotherapy Sensitization*
2019 Awardees

Chongguang Yang, Ph.D.
Yale School of Public Health
The Role of Internal Migration in the Transmission Dynamics of Multidrug-Resistant Tuberculosis in Urban China

For more information, please visit: hria.org/tmf/Patterson
2019 Awardees

Smith Family Awards Program for Excellence in Biomedical Research

Judith Agudo, Ph.D.
Dana-Farber Cancer Institute
*Novel Platform to Increase Dendritic Cell Function and Antigen-Specific T Cell Responses to Cancer*

Lillian Fritz-Laylin, Ph.D.
University of Massachusetts Amherst
*Defining Mechanisms of Pathogenesis of the “Brain-eating Amoeba”*

James Jeanne, Ph.D.
Yale University
*Cracking the Neural Code for Perception by Writing Spikes into Neural Circuits*

Laura Lewis, Ph.D.
Boston University
*Whole-Brain Dopamine Dynamics Underlying Sleep and Wakefulness*

Jose Ordovas-Montanes, Ph.D.
Boston Children’s Hospital
*Inflammatory Memory and Adaptation in Human Intestinal Epithelial Stem Cells*

Lauren Orefice, Ph.D.
Partners HealthCare System
*Development, Function and Dysfunction of Peripheral Sensory Neurons: Insights for Autism Spectrum Disorders*

For more information, please visit: hria.org/tmf/Smith
2019 Awardees

Smith Family Foundation: Odyssey Award

Shantanu Jadhav, Ph.D.
Brandeis University
*Neural Coordination Mechanisms for Memory Function and Dysfunction*

Maofu Liao, Ph.D.
Harvard Medical School
*Elucidating the Molecular Mechanism of ABCA7, a Membrane Transporter associated with Alzheimer’s Disease*

Sarah Slavoff, Ph.D.
Yale University
*Non-Canonical Translation of Small Open Reading Frames in the Human Genome*

Jessica Whited, Ph.D.
Harvard University
*Transmission of Amputation Information Throughout the Body in Axolotl*

Wesley Wong, Ph.D.
Boston Children’s Hospital
*Single-Molecule Protein Identification with Mechanical Nanocalipers*

For more information, please visit: hria.org/tmf/smithodyssey/
2019 Awardees

The Henry and Marilyn Taub Foundation Grants Program for MDS Research

Laura Calvi, M.D.
University of Rochester
*Role of Myeloid Populations in Microenvironmental Regulation of Myelodysplastic Syndromes*

Jason Cheng, M.D., Ph.D.
University of Chicago
*Dissecting RNA Cytosine Methyltranscriptomes for Effective Treatment of Myelodysplastic Syndrome (MDS)*

Jaroslaw Maciewjewski, M.D., Ph.D.
Cleveland Clinic Lerner Research Institute
*Induction of Synthetic Lethality by DNA Dioxygenase Inhibition as a Targeted Therapy in MDS*

Xiaochun Yu, M.D., Ph.D.
Beckman Research Institute of City of Hope
*A Novel Therapeutic Strategy for MDS*

*For more information, please visit: hria.org/tmf/Taub*
2019 Awardees

The Edward N. & Della L. Thome Memorial Foundation Awards Program in Age-Related Macular Degeneration Research

Catherine Bowes Rickman, Ph.D.
Duke University
HDL – A Therapeutic Target for Age-Related Macular Degeneration

Tejal Desai, Ph.D.
University of California San Francisco
Zero-Order Sustained Release from a Biodegradable Thin Film Device for the Treatment of Macular Degeneration

Zongchao Han, M.D., Ph.D.
University of North Carolina at Chapel Hill
Developing Novel Nano Antioxidants for the Treatment of Age-Related Macular Degeneration

Phoebe Lin, M.D., Ph.D.
Oregon Health and Science University
Alterations in the Intestinal Microbiota Associated with Advanced Age-Related Macular Degeneration

Martin Pera, Ph.D.
The Jackson Laboratory
Functional Genomics Analysis of the Impact of Disruption of Extracellular Matrix Genes in Early Stages of AMD

Allen Taylor, Ph.D.
Tufts University
Repurposing FDA Drugs to Limit AMD

For more information, please visit: hria.org/tmf/ThomeAD
2019 Scientific Review Committees

Alagille Syndrome Accelerator Award

Thomas Gridley, Ph.D.
Stacey Huppert, Ph.D.
Nancy Spinner, Ph.D., FACMG

Hilda and Preston Davis Foundation Awards Program for Eating Disorders Research

Eleftheria Maratos-Flier, M.D. (Chair)
Ralph Dileone, Ph.D.
Kristin Javaras, D.Phil, Ph.D.
Walter Kaye, M.D.
Charles Mobbs, Ph.D.
Joanna Steinglass, M.D.

Dr. Ralph and Marian Falk Medical Research Trust Awards Programs Catalyst and Transformational

Alan Howe, Ph.D. (Chair)
Eric Beyer, M.D., Ph.D.
Bruce Bloom, D.D.S., J.D.
Mark Feinberg, M.D.
Leena Hilakivi-Clarke, Ph.D.
Justin Kline, M.D.
Michael Nishimura, Ph.D.
Andrey Rzhetsky, Ph.D.
Anna Schotthoefer, Ph.D.

Harold S. Geneen Charitable Trust Awards Program for Coronary Heart Disease Research

Elena Aikawa, M.D., Ph.D.
Hyung Chun, M.D.
Paul Yu, M.D., Ph.D.
2019 Scientific Review Committees

Charles H. Hood Foundation Child Health Research Awards Program

Jill Maron, M.D., M.P.H. (Chair)
Elizabeth Barnett, M.D.
Howard Cabral, Ph.D., M.P.H.
Jeffrey Dvorin, M.D., Ph.D.
Julie Goodwin, M.D.
Judy Liu, M.D., Ph.D.
Juliette Madan, M.D., M.S.
Camilia Martin, M.D., M.S.
Haining Shi, D.V.M., Ph.D.
Susanne Tanski, M.D., M.P.H.

Thomas F. and Kate Miller Jeffress Memorial Trust Awards Program

Jason Papin, Ph.D. (Chair)
Farzad Farnoud, Ph.D.
Ina Hoeschele, Ph.D.
Debra Hydorn, Ph.D.
Dean Krusienski, Ph.D.
Yiannis Papelis, Ph.D.
Rebecca Segal, Ph.D.
Leah Shaw, Ph.D.
Diego Troya, Ph.D.
Yanjun Qi, Ph.D.

Charles A. King Trust Postdoctoral Fellowship Program
Clinical and Health Services Research

Kenneth Mukamal, M.D., M.P.H. (Chair)
Matthew Frosch, M.D., Ph.D.
John Griffith, Ph.D.
Marek Kubicki, M.D., Ph.D.
Peter Neumann, Sc.D.
Lowell Schnipper, M.D.
Neal Silverman, Ph.D.
Jennifer Stevens, M.D.
2019 Scientific Review Committees

Charles A. King Trust Postdoctoral Fellowship Program
Basic Science

Ralph Scully, Ph.D. (Chair)
Ingolf Bach, Ph.D.
Michael Brehm, Ph.D.
Erin Cram, Ph.D.
Ibrahim Domian, M.D., Ph.D.
Michael Hemann, Ph.D.
Takao Hensch, Ph.D.
Paul Huang, M.D., Ph.D.
Sebastian Kadener, Ph.D.
Jonathan Kagan, Ph.D.
Michelle Kelliher, Ph.D.
Sally Kent, Ph.D.
Philip Kranzusch, Ph.D.
Amy Lee, Ph.D.
Karl Munger, Ph.D.
Elly Nedivi, Ph.D.
Graham Walker, Ph.D.
Johannes Walter, Ph.D.
Kristin White, Ph.D.

Deborah Munroe Noonan Memorial Research Fund

Gael Orsmond, Ph.D. (Chair)
Emily Feinberg, Sc.D., CPNP
Lisa Fortuna, M.D., M.P.H.
Laurie Glader, M.D.
John Maypole, M.D.
Aviva Must, Ph.D.

Robert E. Leet and Clara Guthrie Patterson Trust Awards Program in Clinical Research

Lori Bastian, M.D., M.P.H. (Chair)
Robert Aseltine, Jr., Ph.D.
Kevin Claffey, Ph.D.
Mark Litt, Ph.D.
Kristin Mattocks, Ph.D.
Eric Mortensen, M.D., M.Sc.
Heber Nielsen, M.D.
Elijah Paintsil, M.D.
Theresa Shireman, Ph.D.
David Steffens, M.D.
2019 Scientific Review Committees

Richard and Susan Smith Family Awards Program for Excellence in Biomedical Research

Gary Ruvkun, Ph.D. (Chair)
Iain Cheeseman, Ph.D.
Ethan Garner, Ph.D
Ralph Isberg, Ph.D.
Cigall Kadoch, Ph.D.
Galit Lahav, Ph.D.
Jacqueline Lees, Ph.D.
Hidde Ploegh, Ph.D.
Beth Stevens, Ph.D.

Smith Family Foundation: Odyssey Award

Tyler Jacks, Ph.D. (Chair)
Thomas Fazzio, Ph.D.
Kevin Haigis, Ph.D.
Jané Kondev, Ph.D.
Stephen Liberles, Ph.D.
Danesh Moazed, Ph.D.
Peter Reddien, Ph.D.
Bernardo Sabatini, Ph.D.
Lawrence Stern, Ph.D.
Leonard Zon, M.D.

The Henry & Marilyn Taub Foundation Grants Program for Myelodysplastic Syndromes Research

Lucy Godley, M.D., Ph.D. (Chair)
Omar Abdel-Wahab, M.D.
Stephanie Halene, M.D., Ph.D.
Marina Konopleva, M.D., Ph.D.
Julie-Aurore Losman, M.D., Ph.D.
Eric Padron, M.D.
Daniel Starczynowski, Ph.D.
Ulrich Steidl, M.D., Ph.D.
Edward N. & Della L. Thome Memorial Foundation Awards Program in Alzheimer’s Disease Drug Discovery Research

Benjamin Wolozin, M.D., Ph.D. (Chair)
Mathew Blurton-Jones, Ph.D.
Nancy Bonini, Ph.D.
Gregory Cole, Ph.D.
Thomas Engber
Tsuneya Ikezu, M.D., Ph.D.
Laurent Pradier, Ph.D.
Kenneth Rhodes, Ph.D.
Pierre Tariot, M.D.