

Alumni Directory

Child Health Research Awardees,

Postdoctoral Research Fellows, and
Institutional / Major Grant Award Recipients

1944 - 2023

The history of the Charles H. Hood Foundation builds upon a longstanding family legacy of commitment to community and child health. Following the establishment of the Foundation in 1942, researchers funded by its various grant programs have made important contributions that have benefited large numbers of children. Many of these scientists have also achieved brilliant careers as leaders in their fields.

In its early years, the Foundation's flagship program, the Child Health Research Awards, focused on infectious diseases, prevention, and training for health professionals. From the mid-1940s until 1971, the Foundation supported a diversity of programs seeking to improve child health including medical research, demonstration projects, public health programs, scholarships and fellowships.

As the Foundation reorganized in 1971, it increased its budget and explicitly emphasized basic science and medical research as its priorities. Over the years, expertise has been added to its Scientific Review Committee to reflect growth of research in genetics, oncology, epidemiology, and other disciplines. For nearly two decades, the Hood Foundation also supported Postdoctoral Fellowships.

Today, the Child Health Research Awards support hypothesis-driven clinical, basic science, public health, health services research, and epidemiology projects relevant to pediatrics. These Awards have shifted to an exclusive focus on early-career investigators, specifically newly independent faculty, while the Foundation also has made large grants in health policy and translational research to more established New England investigators via Institutional and Major Grants. Through 2023, the Foundation has distributed over \$84 million to New England research institutions.

The following pages list all Hood Foundation Alumni to date in alphabetical order with the date of their award, title of the original research project, and current contact information where available.

- Child Health Research Awardees: pages 3 to 52
- Postdoctoral Research Fellows: pages 53 to 57
- Institutional and Major Grant Awardees: pages 58 to 61

The Hood Foundation is immensely proud of each of its Award Recipients and values updates on their current endeavors. Please feel welcome to reach out to Grants@CharlesHoodFoundation.org with any questions or to share new developments. Thank you!

Child Health Research Awardees

Usha Acharya, Ph.D.

(2005 Award Recipient)

Pathogenics and Suppression of Leber

Congenital Amaurosis and Retinitis Pigmentosa

12 Related Retinal Degeneration

National Cancer Institute, Center for Cancer

Research

acharyaur@nih.gov

David W.K. Acheson, M.D.

(1995 Award Recipient)
Shiga-Like Toxin Transport Across
Gastrointestinal Epithelial Cells
Leavitt Partners, LLC
david@leavittpartners.com

Kate G. Ackerman, M.D.

(2007 Award Recipient)

Mechanism of Barx1 Mediated Congenital

Diaphragmatic Hernia

University of Rochester Medical Center

kate ackerman@urmc.rochester.edu

Suneet Agarwal, M.D., Ph.D.

(2013 Award Recipient)

Manipulating Heteroplasmy in Mitochondrial
Genetic Diseases

Boston Children's Hospital
suneet.agarwal@childrens.harvard.edu

Caroline Alexander, Ph.D.

(1999 Award Recipient)

Analysis of Oncogenic Properties of Syndecan-1
University of Wisconsin-Madison, School of
Medicine and Public Health

alexander@oncology.wisc.edu

Donald M. Allen, M.D.

(1966 Award Recipient)

Support of Research to Investigate the Possible Interrelationship of Iron and Folic Acid in Anemic Mice and the Clinical Application of this Data to the Problem of Iron Overloading for Children with Anemia

Floating Hospital for Children, Tufts Medical Ctr.

Arnold J. Altman, M.D.

(1974 Award Recipient)
Relationship of Monocyte-derived Colony
Stimulating Factor (CSF) to the Granulocytosis of
Juvenile Chronic Granulocytic Leukemia (CGL)
University of Connecticut Health Center
aaltman@ccmckids.org

Donna Ambrosino, M.D.

(1983 Award Recipient)
Therapeutic Use of Human Hyperimmune
Globulin in Haemophilus Influenzae Type B
Meningitis in Infant Rats
donna.ambrosino1@gmail.com

Chris T. Amemiya, Ph.D.

(1996 Award Recipient)

Cloning of the Gene Defect for X-Linked

Lymphoproliferative Disease

University of California, School of Natural

Sciences

camemiya@ucmerced.edu

Jean A. Amos, Ph.D.

(1986 Award Recipient)

Genetic Predisposition to Down Syndrome

Specialty Labs

jamos@specialtylabs.com

William Stanley Anderson, Ph.D., M.D.

(2010 Award Recipient)

The Impact of Interictal Spike Events on Visual Object Recognition

Johns Hopkins University School of Medicine wanderso68@gmail.com

Warren A. Andiman, M.D.

(1982 and 1983 Award Recipient)
Rapid Diagnosis of Cytomegalovirus Infection
Using Nucleic Acid Spot Hybridization
Yale School of Medicine
warren.andiman@yale.edu

Nancy C. Andrews, M.D., Ph.D.

(1993 Award Recipient)
Intestinal Iron Transport
Boston Children's Hospital
Nancy.andrews@childrens.harvard.edu

Priscilla M. Andrews

(1966 Award Recipient)

Support of a Demonstration and Training Program toward Developing Improved Patterns of Nurse Staffing in a Pediatric Hospital, Improving the Quality of Child Care, and Identifying the Role of a Pediatric Nurse Clinical Specialist

Boston College

Gabor J. Anthony, M.D.

(1968 Award Recipient)

Measuring Maternal Hormones on the Growth and Development of Body Organs and their Relationship to the Growth and Development of the Fetus

University of Vermont College of Medicine

Todd Anthony, Ph.D.

(2017 Award Recipient)

Neural Circuit-Level Mechanisms that Control Persistent Consequences of Early Life Stress Boston Children's Hospital todd.anthony@childrens.harvard.edu

Michael Apkon, M.D., M.B.A., Ph.D.

(1997 Award Recipient)

Mechanism of Cerebral Vasoregulation by

Extracellular pH

Yale School of Medicine

June R. Aprille, Ph.D.

michael.apkon@yale.edu

(1973 Award Recipient)

Lipid Diet and Development of Energy

Metabolism as Applied to the Practical Energy

Needs of the Newborn

(1977 Award Recipient)

Pathogenesis of Reyes Syndrome

(1988 Award Recipient)

Northeast Center for Analysis of Mitochondrial

Diseases in Infants and Children

(1990 Award Recipient)

Northeast Center for Analysis of Mitochondrial

Diseases in Infants and Children

Tufts University, School of Arts and Sciences

June.aprille@tufts.edu

Robert J. Arceci, M.D., Ph.D.

(1986 Award Recipient)

Detection of Multidrug Resistance Gene
Expression in Pediatric Malignancies
Johns Hopkins University

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

(2003 Award Recipient)

Cooperation of MLL and FLT3 in Infant Leukemia Harvard University, Harvard Stem Cell Institute scott armstrong@dfci.harvard.edu

Sudha Arunachalam, Ph.D.

(2015 Award Recipient)
Improving Child-Caregiver Interactions for Young
Children with Autism
New York University, Steinhardt
sudha@nyu.edu

Cameron Ashbaugh, M.D.

(1995 Award Recipient)

Virulence Genes in Group A Streptococcus

Brigham and Women's Hospital

cdashbaugh@partners.org

Timothy W. Baba, M.D., Ph.D.

(1995 Award Recipient)

Prevention of Perinatal HIV-1 Transmission by Combination Drug Therapy **Tufts Medical Center**

tbaba@tuftsmedicalcenter.org

Kamran Badizadegan, M.D.

(2001 Award Recipient)

Role of Structural-Functional Heterogeneity in Membrane Microdomains in Pathogenesis of Secretory Diarrhea

Boston Children's Hospital

kamran.badizadegan@childrens.harvard.edu

Raman Bahal, M.S., Ph.D.

(2020 Award Recipient)

Next Generation Targeting of OncomiRs for Pediatric Glioma Therapy University of Connecticut

Raman.bahal@uconn.edu

Susan Baker, M.D., Ph.D.

(1984 and 1985 Award Recipient)

Studies on the Role of Short-Term Starvation on Intestinal Microvillus Barrier Function in **Immature Animals**

University at Buffalo, Jacobs School of Medicine and Biomedical Sciences

ssbaker@buffalo.edu

Alejandro Benjamin Balazs, Ph.D.

(2015 Award Recipient)

Evolutionary Dynamics of Pediatric HIV Infection Undergoing Antibody-Mediated Selective Pressure

Ragon Institute of MGH, MIT and Harvard abalazs@mgh.harvard.edu

Mark Ballow, M.D.

(1975 Award Recipient) Study of the Effects of Transfer Factor on the Histocompatibility System University of South Florida, Health mballow@usf.edu

Robert S. Baltimore, M.D.

(1977 and 1978 Award Recipient) Opsonic Immunity to Group B Streptococcus Yale School of Medicine robert.baltimore@vale.edu

Zheng-Zheng Bao, Ph.D.

(2002 Award Recipient)

Regulation of Irx4 Gene Expression in Heart Development

University of Massachusetts Medical School

Daniel E Bauer, M.D., Ph.D.

(2015 Award Recipient)

Genome Editing of BCL11A for Beta-Thalassemia Harvard University, Harvard Stem Cell Institute daniel.bauer@childrens.harvard.edu

Mercedes Becerra, Sc.D.

(2004 Award Recipient)

Impact of Isoniazid Prophylaxis to Prevent TB in Children

Harvard Medical School

mercedes becerra@hms.harvard.edu

Eugene Becker, M.D.

(1948 Award Recipient)

Research in Nutritional Significance of Benzoic Acid Geisel Medical School at Dartmouth

Alan H. Beggs, Ph.D.

(1994 Award Recipient)

Autologous Myoblast Transfer for Somatic Cell Gene Therapy of Globoid Cell Leukodystrophy Boston Children's Hospital

beggs@enders.tch.harvard.edu

David R Beier, M.D., Ph.D.

(1992 Award Recipient)

Identification of tumor suppressor genes using a transgenic mouse model Seattle Children's Hospital David.beier@seattlechildrens.org

Barbara Bembery

(1954 Award Recipient)

Diabetes Control

United Way of Massachusetts Bay
b.bembrey@supportunitedway.org

Charles B. Berde, M.D., Ph.D.

(1986 Award Recipient)
The Efficacy of Methdone for the Relief of
Postoperative Pain in 3 to 7-year-old Children
Boston Children's Hospital
charles.berde@childrens.harvard.edu

Jeffrey M. Bergelson, M.D.

(1994 Award Recipient)

Structural Basis of Echovirus-Receptor Interactions

UPenn, Perelman School of Medicine

bergelson@email.chop.edu

Shelly C. Bernstein, M.D., Ph.D.

(1987 Award Recipient)
Identification of Genes Conferring Metastatic
Capability in Childhood Cancer
Dana-Farber Cancer Institute
shelly-bernstein@dfci.harvard.edu

Charles I. Berul, M.D.

(1997 Award Recipient)

Electrophysiologic Properties of Transgenic

Familial Hypertrophic Cardiomyopathy Mice

Children's National Medical Center

cberul@childrensnational.org

Laura M. Bevilacqua, M.D.

(1999 Award Recipient)

Optical Mapping for the Characterization of
Cellular Mechanisms of Inherited Ventricular
Arrhythmias
Boston Children's Hospital
laura.bevilacqua@cardio.chboston.org

Irina Bezsonova, M.Sc., Ph.D.

(2012 Award Recipient)

The Role of Usp7 in Pediatric Neuroblastoma.

University of Connecticut Health Center

bezsonova@uchc.edu

Sumita Bhaduri-McIntosh, M.D., Ph.D.

(2008 Award Recipient)
The Role of Regulatory T Cells in Immune
Evasion during Establishment and Maintenance
of Latency by EBV
University of Florida, College of Medicine
sbhaduri@peds.ufl.edu

Diana W. Bianchi, M.D.

(1990 Award Recipient)
Fetal Neucleated Erythrocytes (NRBC) in
Maternal Blood: a Source of Fetal Cells for
Prenatal Diagnosis
National Institute of Child Health and Human
Development
diana.bianchi@nih.gov

Suzy D.C. Bianco, Ph.D.

(2008 Award Recipient)

Altered GPR54 Signaling as the Genetic Basis of
Pubertal Disorders

University of Miami Miller School of Medicine

SBianco@med.miami.edu

Amelia Blackwell, Ph.D.

(1957 Award Recipient)

Diane R. Blake, M.D.

(2001 Award Recipient)

Non-Invasive Chlamydia Screening for

Adolescents: Cost-Effective Analysis

University of Massachusetts Medical School

diane.blake@umassmed.edu

Hans H. Bode, M.D.

(1970 Award Recipient)
Innovative Therapeutic Approaches to a Variety
of Hormonal Deficiency and Resistance States in
Children

University of California, Irvine

Clifford W. Bogue, M.D. (1994 Award Recipient)

Expression and Regulation of Homeobox Genes in the Developing Lung
Yale School of Medicine
clifford.bogue@yale.edu

Kira Bona, M.D., M.P.H.

(2018 Award Recipient)

PediCARE: Feasibility of Novel Poverty-Targeted Intervention to Reduce Childhood Cancer Disparities

Harvard Medical School

Kira bona@dfci.harvard.edu

Charlotte M. Boney, M.D.

(1998 Award Recipient)

Modulation of Mitogenic Signal Transduction during Preadipocyte Differentiation University of Massachusetts Medical School charlotte.boneymd@baystatehealth.org

Elisa Boscolo, Ph.D.

(2012 Award Recipient)

NOTCH Signaling during Pathological Blood

Vessel Formation and Maturation

Cincinnati Children's Hospital

elisa.boscolo@cchmc.org

Libbie B. Bower, Ph.D.

(1964 Award Recipient)

In support of a program of career recruitment seeking to motivate and create an early interest in the mental health professions among selected junior and senior high school students Massachusetts Association for Mental Health

Joshua A. Boyce, M.D.

(1995 Award Recipient)

The Role of Hypodense Mononuclear Eosinophils in Pediatric Asthma

Brigham and Women's Hospital

jboyce@rics.bwh.harvard.edu

Renee Boynton-Jarrett, M.D., Ph.D.

(2011 Award Recipient)

A Nested Case-Control Study of Genetic and Psychosocial Determinants of Early Puberty Boston University School of Medicine rbjarret@bu.edu

Abraham L. Brass, M.D., Ph.D.

(2010 Award Recipient)

Understanding Intrinsic Immunity: Investigation of IFITM3's Inhibition of Influenza A Virus Infection

University of Massachusetts Medical School Abraham.Brass@umassmed.edu

Roger E. Breitbart, M.D.

(1993 Award Recipient)

MEF2 Regulation of Early Vertebrate Cardiac

Development

Boston Children's Hospital

Roger.breitbart@cardio.chboston.org

Andrew S. Brem, M.D.

(1985 Award Recipient)

Hydroosmotic Response to Vasopressin: Relation to Cell pH and Volume

Rhode Island Hospital

andrew brem@brown.edu

David Breslow, Ph.D.

(2018 Award Recipient)

Defining a cilia-lysosome axis in developmental signaling and cilium-based disease

Yale University

david.breslow@yale.edu

Jan Breslow, M.D.

(1977 Award Recipient)

Cystic Fibrosis: Use of Lymphocyte Cultures for Diagnostic Testing

Boston Children's Hospital breslow@mail.rockefeller.edu

David M. Briscoe, M.D.

(1993 Award Recipient)

Lymphocyte-Endothelial Cell Interactions in Allograft Rejection: In Vitro and In Vivo Studies
Boston Children's Hospital
david.briscoe@childrens.harvard.edu

Timothy Browder, M.D.

(1993 Award Recipient)

Angiogenesis Switching in Transgenic Retinoblastoma University of California San Francisco School of Medicine

Timothy.browder@ucsf.edu

Rosalind S. Brown, M.D., C.M., FRCPC

(1979 Award Recipient)
Thyroid Stimulating Immunoglobins (TSI) in
Childhood Graves' Disease (1979)
Boston Children's Hospital

rosalind.brown@childrens.harvard.edu

Elizabeth Brown, M.D.

(1982 Award Recipient)

The Effects of Early Behavioral and Environmental Modification on Infants with Severe Respiratory Distress Boston Medical Center

Rosalind S. Brown, M.D., C.M., FRCPC

(1982 Award Recipient)

Idiotype-Antiidiotype Reactions in Childhood Graves' Disease Boston Children's Hospital rosalind.brown@childrens.harvard.edu

Robert H. Brown, M.D., D.Phil.

(1984 Award Recipient)

Investigations of the Pathogensis of Human Motorneuron Disorders Using Poliovirus University of Massachusetts Medical School robert.brown@umassmed.edu

Martina Brueckner, M.D.

(1997 Award Recipient)

Cloning the Mouse iv (inversus viscerum) Gene
Yale School of Medicine
martina.brueckner@yale.edu

Gail A. Bruns, M.D., Ph.D.

(1972 Award Recipient)

A Diagnostic Method for Lysosomal Deficiency Disease

Virginia M. Burns

(1956 Award Recipient)

Jane C. Burns, M.D.

(1986 and 1987 Award Recipient)
Polymerase Activity in Lymphocyte Culture
Supernatants from Patients with Kawasaki
Disease: Search for the Etiologic Agent
University of California San Diego School of
Medicine

jcburns@ucsd.edu

Heather H. Burris, M.D., M.P.H.

(2013 Award Recipient)

The Epigenetics of the Cervix, Linking the Environment to Spontaneous Preterm Delivery Children's Hospital of Philadelphia burrish@chop.edu

Joan R. Butterton, M.D.

(1998 Award Recipient)

Mucosal Immunity to Cholera-Vectored EHEC Antigens

Massachusetts General Hospital jbutterton@partners.org

Eliezer Calo, Ph.D.

(2018 Award Recipient)

Elucidating Mechanisms Underlying Phenotypic Variation in Craniofacial Disorders
Massachusetts Institute of Technology
calo@mit.edu

Ernesto Canalis, M.D.

(1978 and 1979 Award Recipient)

Effect of Serum Factors on Bone Formation

St. Francis Hospital and Medical Center

ecanalis@stfranciscare.org

Michael Cappello, M.D.

(1996 Award Recipient)

The Hookworm Anticoagulant: A Novel Inhibitor of Tumor Metastasis
Yale School of Medicine
michael.cappello@yale.edu

Dennis E. Carey, M.D.

(1991 Award Recipient)

Regulation of Growth Place Chondrocyte Maturation and Calcification by Thyroid Hormone
Schneider Children's Hospital of Long Island carey@lij.edu

Kathleen S. Carlson, M.D.

(1986 Award Recipient)
Mechanisms of Delayed Lung Maturity in
Fetuses of Diabetic Mothers

Thomas O. Carpenter, M.D.

(1987 Award Recipient)

Use of 24,25(0H)2D3 as Adjunctive Therapy for Familial Hypophosphatemic Rickets (FHR)
Yale School of Medicine
thomas.carpenter@yale.edu

Christopher R. Carpenter, M.D., Ph.D.

(1994 Award Recipient)

PtdIns-4-Phosphate 5-Kinase in p21rac Signaling, Washington University School of Medicine in St. Louis

carpenterc@wustl.edu

William J. Cashore, M.D.

(1977 Award Recipient)

Displacement of Bilirubin from Albumin by Drugs Women & Infants Hospital of Rhode Island wcashore@wihri.org

Emanuela Castigli, Ph.D.

(1994 Award Recipient)

The B Cell CD40 Antigen: Functional Study by Gene Targeting and Introduction of Transgenes Boston Children's Hospital emanuela.castigli@childrens.harvard.edu

K. Lynn Cates, M.D.

(1980 Award Recipient)

Host Response to Haemophilus Influenzae
University of Connecticut Health Center

Elizabeth A. Catlin, M.D.

(1989 Award Recipient)

Sex-specific Fetal Lung Development and Mullerian Inhibiting Substance Massachusetts General Hospital ecatlin@partners.org

Valeria Cavazzuti, Ph.D.

(1982 Award Recipient)

Oculo-motor Rapid Continuous Performance Tasks (OM-RCPT): a Proposal for Clinical Assessment of Neurophysiopsychological Dysfunctions in Young Infants with IVH Boston Children's Hospital

Yee-Ming Chan, M.D., Ph.D.

(2013 Award Recipient)

Kisspeptin as a Novel Tool for the Evaluation of Delayed Puberty

Boston Children's Hospital

yee-ming.chan@childrens.harvard.edu

Tien-Lan Chang, M.D.

(1989 Award Recipient)

The Role of Maternal IgG Antibody in the Ontogeny of Immune Response to Dietary Antigens

Boston Children's Hospital

Tien-lan.chang@childrens.harvard.edu

William Chang, M.D., Ph.D.

(2019 Award Recipient)

Microvascular networks on a chip to investigate how hyperglycemia induces microangiopathy in type 1 diabetes
Yale University
w.chang@yale.edu

Luke Chao, Ph.D.

(2018 Award Recipient)
Characterization of OPA1 membrane
phenotypes in childhood blindness
Harvard Medical School
Luke Chao@hms.harvard.edu

Nancy Charest, M.D.

(1990 Award Recipient)

Regulation of Gene Expression in Developing **Epididymis**

Children's Hospital at Dartmouth

Talal A. Chatila, M.D.

(1989 Award Recipient)

Molecular Basis of Childhood T Cell

Immunodeficiencies

Boston Children's Hospital

talal.chatila@childrens.harvard.edu

Sarah H. Cheeseman, M.D.

(1982 Award Recipient)

Cytomegalovirus Acquisition in Nursery and Pediatric Nurses -- An Occupational Hazard? University of Massachusetts Medical School sarah.cheeseman@umassmemorial.org

Dong Feng F Chen, M.D., Ph.D.

(1999 Award Recipient)

Regulation of Neural Differentiation by Ccl-2

Harvard Medical School

dongfeng chen@meei.harvard.edu

Chinfei Chen, M.D., Ph.D.

(2001 Award Recipient)

The Effects of Aberrant Neuronal Activity and Seizures on Synapse Maturation in the

Mammalian Thalamus

Boston Children's Hospital

chinfei.chen@childrens.harvard.edu

Jing Chen, Ph.D.

(2011 Award Recipient)

Targeting Wnt Pathway for Retinopathy of Prematurity Christos Cladaras, Ph.D.

Boston Children's Hospital

jing.chen@childrens.harvard.edu

Andrew J. Chess, M.D.

(1997 Award Recipient)

Allelic Inactivation of Developmental Regulatory

Genes

Mount Sinai School of Medicine

andrew.chess@mssm.edu

Hongbo Chi, Ph.D.

(2004 Award Recipient)

Regulation of Neural Tube Development by

MEKK4

St. Jude Children's Research Hospital

hongbo.chi@stjude.org

Silvia S. Chiang M.D.

(2020 Award Recipient)

Evaluation Of Post-Tuberculosis Lung Function In

Adolescents

Rhode Island Hospital

Silvia chiang@brown.edu

Helen Christou, M.D.

(2002 Award Recipient)

Molecular Mechanisms Underlying Vascular

Responses to Extracellular Acidosis

Boston Children's Hospital

helen.christou@childrens.harvard.edu

Andrea L. Ciaranello, M.D., M.P.H.

(2014 Award Recipient)

Novel Approaches to Improve Medication

Adherence among HIV-infected Adolescents: the

CEPAC-Adolescent Model

Massachusetts General Hospital

aciaranello@mgh.harvard.edu

Michael J. Cieslewicz, Ph.D.

(2002 Award Recipient)

Transcriptional Regulation of Capsule

Biosynthesis in Group B Streptococcus

Boston Children's Hospital

michael.cieslewicz@childrens.harvard.edu

(1988 Award Recipient)

Genetic Variation in the Receptor Binding Domain of ApoB-100 and Atherosclerosis

Boston Medical Center

Laurie E. Cohen, M.D.

(1996 Award Recipient)

Molecular Mechanisms of Pit-1 Gene Mutations in Combined Pituitary Hormone Deficiency Boston Children's Hospital

laurie.cohen@childrens.harvard.edu

Steven D. Colan, M.D.

(1984 Award Recipient)

Arterial Input Impedence by a Noninvasive Technique Boston Children's Hospital

Steven.colan@cardio.chboston.org

F. Sessions Cole, M.D.

(1981 Award Recipient)

Genetic and Developmental Regulation of Complement (2001 Award Recipient) Biosynthesis in Monocytes and Macrophages St. Louis Children's Hospital cole@kids.wustl.edu

Jonathan Seth Comer, Ph.D.

(2012 Award Recipient)

A Controlled Trial of Telemethods to Expand the Availability of Parent-Child Interaction Therapy for Disruptive Preschoolers Florida International University jocomer@FIU.edu

John P. Connelly, M.D.

(1971 Award Recipient)

Pediatric Nurse Practitioner Program Massachusetts General Hospital

John C. Coolidge, M.D.

(1963 Award Recipient)

Follow-up Study to a 1953 Study of Children who Evidenced School Phobia Judge Baker Children's Center

Cathleen L. Cooper, Ph.D.

(1998 Award Recipient)

Transcriptional Control of Cell Cycle Progression and Normal Blood Development

The Center for Scientific Review at the National Institutes of Health

cooperc@csr.nih.gov

Douglas B. Cowan, Ph.D.

(2000 Award Recipient)

Endotoxin-Induced Cardiac Signal Transduction Boston Children's Hospital

douglas.cowan@childrens.harvard.edu

April M. Craft, Ph.D.

(2016 Award Recipient)

Identifying Mechanisms of Cartilage

Homeostasis and Degeneration Through the use

of Patient Specific iPSCs

Boston Children's Hospital

april.craft@childrens.harvard.edu

Aidan K. Curran, B.Sc., Ph.D.

Ventral Medullary Inhibition and Control of Upper Airway (UA) Patency Following Acute Increases in Blood Pressure; Implications for Sudden Infant Death Syndrome (SIDS) Geisel Medical School at Dartmouth aidan.k.curran@dartmouth.edu

Florence Cyr, M.S.

(1957 Award Recipient)

William Dameshek, M.D.

(1949 Award Recipient) Research in Hematology **Tufts Medical Center**

Christiane E. I. Dammann, M.D.

(2001 Award Recipient)

The Role of Neurequlin in Fetal Surfactant Synthesis

Tufts Medical Center

dammann.christiane@mh-hannover.de

Alan D. D'Andrea, M.D.

(1989 Award Recipient)

Function of the Erythropoietin Receptor in Normal Erythropoiesis and in Pediatric Disease States

Dana-Farber Cancer Institute Alan Dandrea@dfci.harvard.edu

Alan J. Davidson, M.D., Ph.D.

(2005 Award Recipient)

Role of the cdx Genes and their Downstream
Targets in Hematopoietic Stem Cell Formation
University of Auckland
a.davidson@auckland.ac.nz

Michael A. Davis, Sc.D.

(1972 Award Recipient)

Evaluation of Bone-Scanning Agent
(Technetium-99m Polyphosphate)

Boston Children's Hospital

synergyltd@aol.com

David J. DeFranco, D.M.D., D.M.Sc.

(1991 Award Recipient)
Influences of Mechanical Forces on Gene
Expression during Craniofacial Development
Milan Dentists & Orthodontists
ddefranco@tin.it

Marcelo de Oliveira Dietrich, M.D.

(2015 Award Recipient)
Hypothalamic Circuits Underlying Brain
Development during Childhood
Yale School of Medicine
marcelo.dietrich@yale.edu

Penelope H. Dennehy, M.D.

(1985 Award Recipient)

Nosocomial Rotavirus Infection - Possible Routes of Transmission

Rhode Island Hospital

penelope dennehy@brown.edu

Lee A. Denson, M.D.

(2000 Award Recipient)

Cytokine Regulation of Growth Hormone Signaling

Cincinnati Children's Hospital Medical Center

lee.denson@cchmc.org

Paul DePaola

(1966 Award Recipient)

Support of a Reevaluation of the Dental Health of Children who had participated in the Study of Prophylaxis Incorporated in the Dental Screening of the 1965 "Head Start Program" in Cambridge Cambridge Community Services

Ruben Diaz, M.D., Ph.D.

(1997 Award Recipient)

Calcium Sensing Receptor Regulation of Parathyroid Hormone

Boston Children's Hospital

Lindsay J. DiStefano, Ph.D.

(2013 Award Recipient)

Pediatric Lower Extremity Injury Prevention:

Monitoring Changes over Time

University of Connecticut

lindsay.distefano@uconn.edu

Patricia K. Donahoe, M.D.

(1973 Award Recipient)

Study of Factors, Which Control Regression of Fetal Organs that May Have Clinical Application to the Control of Childhood Tumor Growth Harvard Stem Cell Institute donahoe.patricia@mgh.harvard.edu

Robert M. Donaldson, M.D.

(1970 Award Recipient)

Development of Intestinal Function, Particularly

Protein Absorption, in the Fetus and Newborn

Boston Medical Center

Lesley Doughty, M.D.

(2001 Award Recipient)

Viral Modulation of the Immune Response

Cincinnati Children's Hospital Medical Center

lesley.doughty@cchmc.org

Simon L. Dove, Ph.D.

(2002 Award Recipient)

Proteins from the Bacterial Pathogen

Pseudomonas Aeroginosa that Interact with its

Transcription Machinery

Boston Children's Hospital

simon.dove@childrens.harvard.edu

George Dragoi, M.D., Ph.D.

(2016 Award Recipient)

Brain Mechanisms underlying Cognitive

Development during Childhood

Yale School of Medicine

george.dragoi@vale.edu

Evan B. Dreyer, M.D., Ph.D.

(1989 Award Recipient)

A Thy-1 Receptor and CNS Neurite Outgrowth

Glaucoma Cataract Consultants

Raymond S. Duff, M.D.

(1968 Award Recipient)

To Study the Interrelationships Between Patient

Care and Professional Learning in a Large, Urban

Pediatric Clinic

Yale School of Medicine

Frank H. Duffy, M.D.

(1973 Award Recipient)

Pilot Study of the Use of the Visual Evoked

Response in the Diagnosis of Ambylopia Ex

Anopsia at an Earlier Age (Infancy) than is now

Possible using Standard Techniques

(1973) - Study of Biculline Response in

Experimental Amblyopia (1976)

Boston Children's Hospital

frank.duffy@childrens.harvard.edu

Anna Dunaevsky, Ph.D.

(2002 Award Recipient)

Synapse Formation and Maintenance in Normal

and GluRd2 Deficient Mice

University of Nebraska Medical Center

adunaevsky@unmc.edu

Jeffrey Daniel Dvorin, M.D., Ph.D.

(2011 Award Recipient)

Functional Characterization of an Essential

Protein Kinase in the Malaria Parasite

Plasmodium Falciparum

Boston Children's Hospital

Jeffrey.Dvorin@childrens.harvard.edu

Paul J. Edelson, M.D.

(1979 Award Recipient)

A Tissue Culture Model of Chronic

Granulomatous Disease

Boston Children's Hospital

pe30@columbia.edu

Roger A. Edwards, Sc.D.

(2012 Award Recipient)

Use of a Computer Agent to Promote and

Support Breastfeeding

MGH Institute of Health Professionals

redwards@mghihp.edu

R.H. Egdahl, M.D.

(1964 Award Recipient)

Assist Two New Members in the Department of

Surgery to Initiate and Establish Research in

Cardiovascular Fetal Physiology and

Endocrinology

Boston University School of Medicine

Richard A. Ehrenkranz, M.D.

(1979 Award Recipient)

Detection of In-Vivo Lipid Peroxidation during

Oxygen Administration to Neonates (1979) -

Composition and Nutritional Quality of Preterm

Human Milk (1980)

Yale School of Medicine

(1980 Award Recipient)

Composition and Nutritional Quality of Preterm

Human Milk

Yale School of Medicine

Stephanie C Eisenbarth, M.D., Ph.D.

(2013 Award Recipient)

Targeting Dendritic Cells to Block Allergen Sensitization in Asthma

Northwestern University, Feinberg School of Medicine

stephanie.eisenbarth@northwestern.edu

R. Cannon Eley, M.D.

(1967 Award Recipient)

Partial Support of the Establishment of a Cystic Fibrosis Clinic

Roger Williams Medical Center

Martha M. Eliot, M.D.

(1959 Award Recipient)

Grants towards Furthering the Overall Purposes and Programs of the Massachusetts Committee on Children and Youth (1959-1967)

Mass. Committee on Children and Youth

Felix Engel, Ph.D.

(2006 Award Recipient)

Promotion of Mammalian Cardiac Regeneration through Cardiomyocyte Proliferation Boston Children's Hospital felix.engel@childrens.harvard.edu

Elizabeth C. Engle, M.D.

(1997 Award Recipient)

Cloning the Gene for Congenital Fibrosis of the Extraocular Muscles
Boston Children's Hospital
elizabeth.engle@childrens.harvard.edu

Michael F. Epstein, M.D.

(1978 Award Recipient)

Beta-sympatho-mimetic Agonists and Fetal Lung
Surfactant Metabolism
Beth Israel Deaconess Medical Center
mepstein@bidmc.harvard.edu

Richard W. Erbe, M.D.

(1976 Award Recipient)

Disordered Amino Acid Metabolism in Oculocerebral Renal Syndrome of Lowe Women & Children's Hospital of Buffalo folate@aol.com

Alan B. Ezekowitz, MBChB, DPhil, FAAP

(1985 Award Recipient)

Molecular Cloning of an Interferon Responsive Macrophage Specific Receptor Abide Therapeutics

John T. Fahey, M.D.

(1987 Award Recipient)

Mechanism of Lactic Acidemia During Low Cardiac Output in Lambs: Changes with Postnatal Age Yale School of Medicine

john.fahev@vale.edu

Douglas V. Faller, M.D., Ph.D.

(1983 Award Recipient)

The Use of Cloned Tumor-Virus Gene Products and H-2 Gene Products to Study the Recognition and Rejection of Tumor Cells by Killer T Lymphocytes

Boston University School of Medicine dfaller@bu.edu

Susan E. Fasoli, Sc.D., OTR

(2005 Award Recipient)

Upper Limb Rehabilitation Robotics for Children with Cerebral Palsy

MGH Institute of Health Professions sfasoli@mghihp.edu

David Faust, Ph.D.

(1984 Award Recipient)

The Neuropsychological Functioning of Children with Moderately Raised Lead Levels
University of Rhode Island
faust@uri.edu

Margaret E. Feeney, M.D.

(2004 Award Recipient)

Pediatric HIV-specific Immune Responses and AIDS-free Survival

University of California- San Francisco- School of Medicine

Margaret.feeney@ucsf.edu

Francis X. Fellers, M.D.

(1967 Award Recipient)

Research Fellowship on "A New Method of Dietary Management for Children Afflicted with Cystinosis"

(1969 Award Recipient)

Research Concerning Adequate-Diet Bone Disease Syndrome in Children Boston Children's Hospital

John D. Fernstrom, Ph.D.

(1973 Award Recipient)

Milk Constituents and Brain Serotonin Synthesis University of Pittsburgh

fernstromjd@upmc.edu

James L.M. Ferrara, M.D.

(1987 Award Recipient)

In Vivo Use of Anti-LFA-1 to Enhance Engraftment and Prevent Graft-Versus-Host Disease after Bone Marrow Transplantation Icahn School of Medicine at Mount Sinai James.ferrara@mssm.edu

Lindo Ferrini, M.S.W.

(1955 Award Recipient)

Cottage Parents at Residential Treatment Centers for Children

Stefan Feske, M.D.

(2006 Award Recipient)

Identification of a Genetic Defect Causing
Immunodeficiency, Myopathy and Ectodermal
Dysplasia

New York University School of Medicine Stefan.Feske@nyulangone.org

John M. Fiascone, M.D.

(1987 Award Recipient)

The Effect of Terbutaline Administration on Lung Function in the Fetal Rabbit Model of Respiratory Distress Syndrome
Boston Children's Hospital
John.fiascone@childrens.harvard.edu

Barry A. Finette, M.D., Ph.D.

(1993 Award Recipient)

Molecular Effects of Passive and Active Maternal Cigarette Smoking in Normal Human Newborns University of Vermont College of Medicine barry.finette@uvm.edu

Judith C. Fleming, Ph.D.

SLC19A3

(2002 Award Recipient)
Functional Analysis of the Thiamine Transporter,

Boston Children's Hospital

judith.fleming@childrens.harvard.edu

Johnathan A. Fletcher, M.D.

(1990 Award Recipient)

Cytogenetic Analysis of Bone and Soft Tissue

Tumors of Childhood

Brigham and Women's Hospital

ifletcher@partners.org

Mark A. Fletcher, M.D.

(1993 Award Recipient)

Development of Novel Antibodies against Gram-Negative Bacteria

Wyeth Pharmaceuticals France

Eric S. Folker, Ph.D.

(2014 Award Recipient)

The Role of Nuclear Positioning in Centronuclear Myopathies

Boston College

eric.folker@bc.edu

Pamela Follett, M.D.

(2003 Award Recipient)
The Role of Repetitive Hypoxia in Premature
White Matter Injury
Lewis Rhodes Labs
pamela.follet@earthlink.net

Yick W. Fong, Ph.D.

(2014 Award Recipient)

The Role of the Dyskerin Complex in Stem Cellspecific Transcriptional Control and the Pathogenesis of Dyskeratosis Congenita Brigham and Women's Hospital YFong@partners.org

Sarah Fortune, M.D.

(2007 Award Recipient)
At the Host-Pathogen Interface:
Characterization of a Candidate Mycobacterial
Toxin
Harvard School of Public Health
sfortune@hsph.harvard.edu

Ruth A. Franklin, Ph.D.

(2023 Award Recipient)

Deciphering Mechanisms Linking Childhood Viral
Infection and Asthma Development
Harvard Medical School
ruthfranklin@fas.harvard.edu

Michela Frascoli, Ph.D.

(2018 Award Recipient)
Identification of the Embryonic Lymphoid
Progenitors of Neonatal IL-17 Producing T Cells
University of Massachusetts Medical School
Michela.Frascoli@umassmed.edu

Ramsay L. Fuleihan, M.D.

(1992 Award Recipient)

Regulation of HIV-1 Gene Expression by Ia Molecules

Northwestern University

r-fuleihan@northwestern.edu

Nadine Gaab, Ph.D.

(2008 Award Recipient)

Neural Pre-Markers of Developmental Dyslexia in Children prior to Reading Onset

Boston Children's Hospital

nadine.gaab@childrens.harvard.edu

Mae Gailani, M.D.

(1997 Award Recipient)
Identification of Protein Interactions with
Human Patched
Yale School of Medicine

Julie R. Gaither, Ph.D., M.P.H.

(2020 Award Recipient)

Pediatric Opioid Poisoning: Family, Home, and

Community Risk Factors

Yale University

Julie.gaither@yale.edu

Alison A. Galbraith, M.D., M.P.H.

(2006 Award Recipient)
Children in High-Deductible Health Plans: Health Care
Use and Impact of Chronic Conditions
Harvard Pilgrim Health Care
Alison.galbraith@childrens.harvard.edu

Patrick Gallagher, M.D.

(1993 Award Recipient)

Molecular Mechanisms of Regulation of the
Human Erythrocyte Ankyrin Gene
Yale School of Medicine
patrick.gallagher@yale.edu

Jenna L. Galloway, Ph.D.

(2016 Award Recipient)
The Role of a Novel Pathway in Vertebrate
Tendon Development
Harvard Stem Cell Institute
Jgalloway@mgh.harvard.edu

George E. Gardner, M.D., Ph.D.

(1957 Award Recipient)

Anorexia Nervosa

(1959 Award Recipient)

Construction of an Emotional Development Task Test

Boston Children's Hospital

Arvin Garg, M.D., M.P.H.

(2012 Award Recipient)

Do Basic Unmet Material Needs and Social Safety Nets Influence Child Maltreatment Risk? A Nested Case-Control Study UMASS Chan Medical School arvin.garg@umassmed.edu

Salil Garg, M.D., Ph.D.

(2023 Award Recipient)

Diagnosis of Pediatric Malignancies Using Developmental Mapping and Machine Learning Yale University

Salil.garg@yale.edu

Scott C Garman, Ph.D.

(2005 Award Recipient)
Structural Studies on Fabry Disease
University of Massachusetts Amherst
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Stanley Garn, B.A.

(1947 Award Recipient)

Karen M. Gaudio, M.D.

(1984 Award Recipient)

Treatment of Acute Renal Failure

Yale School of Medicine

Raif S. Geha, M.D.

(1978 and 1979 Award Recipient)

Regulation of the Human Immune Response

Boston Children's Hospital

raif.geha@childrens.harvard.edu

Niels Geijsen, Ph.D.

(2004 Award Recipient)

Dissection of Molecular Pathways Mediating Epigenetic Gene Modification

Hubrecht Institute

n.geijsen@hubrecht.eu

Sydney S. Gellis, M.D.

(1954 Award Recipient)

Amino Acid Metabolism in Children

Rachel M. Gerstein, Ph.D.

(1998 Award Recipient)

Extrinsic Factors Controlling B Cell Development University of Massachusetts Medical School rachel.gerstein@umassmed.edu

Joseph M. Gertner, M.B., MRCP

(1978 Award Recipient)

Studies on Stress-Related Neonatal Hypocalcemia Yale School of Medicine

j.gertner@rcn.com

Tal Geva, M.D.

(1999 Award Recipient)

Mechanism of right ventricular dysfunction due to chronic pulmonary regurgitation

Boston Children's Hospital

tal.geva@childrens.harvard.edu

Satish Ghatpandes, Ph.D.

(2006 Award Recipient)

Novel Mechanisms of Embryo-Protection: The Role of Adenosine Action in the Developing Heart Achillion Pharmaceuticals Inc.

ghatpandes@gmail.com

Matthew W. Gillman, M.D., S.M.

(1988 Award Recipient)

Tracking of Childhood Blood Pressure

Harvard Pilgrim Health Care

(1990 Award Recipient)

Multiple-Visit Tracking of Blood Pressure from

Childhood to Early Adulthood

National Institutes of Health

Matthew.gillman@nih.gov

David N. Glass, M.D.

(1977 Award Recipient)

HLA Genetics of Juvenile Arthritis

Brigham and Women's Hospital

Verena Gobel, M.D.

(1994 Award Recipient)

Neurofibromatosis II (NF2) Tumor Suppressor

Gene Homologs in c. elegans

Massachusetts General Hospital

vgobel@partners.org

Donald Goldmann, M.D.

(1981 Award Recipient)

Neonatal E. Coli K1 Colonization and Infection:
the Role of Bacterial Pili

Boston Children's Hospital
don.goldmann@childrens.harvard.edu

Allan M. Goldstein, M.D.

(2003 Award Recipient)
A New Model of Intestinal Aganglionosis:
Essential Role for BMP4 in Enteric Nervous
System Development
Massachusetts General Hospital
agoldstein@partners.org

Allan Goodman, M.D.

(1968 Award Recipient)

Massachusetts Parents Association for the Deaf
and Hard of Hearing

Boston Children's Hospital

Julie Elizabeth Goodwin, M.D.

(2011 Award Recipient)

The Role of the Endothelial Glucocorticoid Receptor in the Development of Atherosclerosis

Yale School of Medicine julie.goodwin@yale.edu

Catherine M. Gordon, M.D., M.Sc.

(2001 Award Recipient)

Vitamin D Screening in Adolescents

Cincinnati Children's Hospital Medical Center

catherine.gordan@cchmc.org

Jason H. Greenberg, M.D., M.H.S.

(2019 Award Recipient)
Real-time Prediction and Intervention for
Impending Acute Kidney Injury in Hospitalized
Children
Yale University

<u>Jason.greenberg@yale.edu</u>

Richard Iain Gregory, Ph.D.

(2007 Award Recipient)

The Role of MicroRNAs in DiGeorge Syndrome
Boston Children's Hospital
rgregory@enders.tch.harvard.edu

Carol L. Griffin

(1965 Award Recipient)
In support of a pilot demonstration concerning the effectiveness of therapeutic tutoring as an adjunct to psychotherapy of children with refractory learning disabilities
South Shore Mental Health

Jeffrey R. Gruen, M.D.

(1990 Award Recipient)
Identifying DNA Landmarks for Primary
Hemochromatosis
Yale School of Medicine
jeffrey.gruen@yale.edu

Nicholas G. Guerina, M.D., Ph.D.

(1989 Award Recipient)

Development of a Pilus Vaccine against

Haemophilus Influenzae

Tufts Medical Center

nguerina@tuftsmedicalcenter.org

David A. Guertin, Ph.D.

(2010 Award Recipient)

Nutrient Sensing Pathways in Muscle Regeneration

University of Massachusetts Medical School

david.guertin@umassmed.edu

Shangqin Guo, Ph.D.

(2016 Award Recipient)

Molecular Definition of Cancer Cell-of-Origin in B-ALL

Yale School of Medicine

Shangqin.guo@yale.edu

Vandana Gupta, Ph.D.

(2014 Award Recipient)

Elucidation of Molecular Pathways and Therapeutic Developments in Nemaline Myopathy

Brigham and Women's Hospital

vgupta4@partners.org

Emanuela Gussoni, Ph.D.

(2000 Award Recipient)

Isolation and Characterization of Stem Cells from

Human Skeletal Muscle

Boston Children's Hospital

gussoni@enders.tch.harvard.edu

M. Kyle Hadden, Ph.D.

(2012 Award Recipient)

Vitamin D3 Analogues as Hedgehog Pathway

Inhibitors

University of Connecticut

kyle.hadden@uconn.edu

James E. Haddow, M.D.

(1971 Award Recipient)

Divalent Metal Excretion: Enhancement by

Spironolactone

Boston University School of Medicine

jhaddow@fbr.org

Margarita Hadzopoulou-Cladaras, Ph.D.

(1991 Award Recipient)

ApoB Domain Required for LDL Assembly and

Secretion

Aristotle University of Thessaloniki

cladaras@bio.auth.gr

Robert J. Haggerty, M.D.

(1959 Award Recipient)

Funds to employ a social worker to the staff of the Family Health Care Program in cooperation with the Boston Lying-In Hospital and Children's Hospital

Harvard Medical School

Joseph J. Halett, M.D.

(1980 Award Recipient)

Effect of Warfarin on Chondrogenesis Memorial Hospital of Rhode Island

joseph hallett@brown.edu

Silva H. Hanissian, Ph.D.

(1996 Award Recipient)

Structural Analysis of CD40 Signaling

University of Tennessee Health Science Center

Paul R. Harmatz, M.D.

(1981 and 1982 Award Recipient)

A Study of the Transport of IqZ Immune

Complexes into Breastmilk and the Binding and

Transport of IgA Immune Complexes into the

Neonatal Intestine

Children's Hospital and Rehabilitation Center of

Oakland

pharmatz@mail.cho.org

Jason B Harris, M.D., M.P.H.

(2009 Award Recipient)

Cellular Immune Responses to Vibrio Cholerae Infection

Massachusetts General Hospital

jbharris@partners.org

John E. Harris, M.D., Ph.D.

(2011 Award Recipient)

Targeting the IFN-Gamma Signaling Pathway for

the Treatment of Vitiligo

University of Massachusetts Medical School

John.Harris@umassmed.edu

Emil M. Hartl, Ph.D.

(1956 Award Recipient)
A Group Therapy Pilot Project
(1964 Award Recipient)

Objective Assessment of an Experimental Program which is concerned with the Socialization to Work with the Problem Adolescent

Charles Hayden Goodwill Inn for Boys

Steven Hatch, M.D.

(2011 Award Recipient)

Maternally Derived Anti-Dengue Antibodies and the Risk of DHF in Infants

University of Massachusetts Medical School steven.hatch@umassmed.edu

Mehdi Hedjazi Moghari, Ph.D.

(2017 Award Recipient)
Improved 3D Cine Cardiovascular Magnetic
Resonance Imaging for Children
Boston Children's Hospital
mehdi.hedjazimoghari@cardio.chboston.org

Judith Hellman, M.D.

(1998 Award Recipient)
In Vitro Biological Activity of Endotoxin
Associated Outer Membrane Proteins
University of California San Francisco
hellmani@anesthesia.ucsf.edu

Lauren A. Henderson, M.D., M.M.Sc.

(2021 Award Recipient)

Dysregulated T and B Cell Interactions in Earlyonset Oligoarticular Juvenile Idiopathic Arthritis

Boston Children's Hospital

Lauren.henderson@childrens.harvard.edu

Sonia Hernandez-Diaz, M.D., D.P.H.

(2004 Award Recipient)

Endocrine Disruptors and Male Genital

Malformations

Harvard School of Public Health

shernan@hsph.harvard.edu

John T. Herrin, MBBS, FRACP

(1971 Award Recipient)

Protein Excretion as an Indicator of Prognosis
and Correlation with Therapy

Boston Children's Hospital
john.herrin@childrens.harvard.edu

Victoria L. Herzberg, Ph.D.

(1984 and 1985 Award Recipient)
The Role of Insulin and Insulin-Like Growth
Factors in Normal and Abnormal Cell
Proliferation
Geisel Medical School at Dartmouth

Joseph A. Hill, M.D., Ph.D.

(1994 Award Recipient)

Long Q-T Syndrome and Molecular Mechanism of a Cardiac Arrhythmia

UT Southwestern Medical School joseph.hill@utsouthwestern.edu

Raymond L. Hintz, M.D.

(1972 Award Recipient)
Study of the Role Played by Somatomedin in
Fetal Growth and Development
University of Connecticut
hintz@stanford.edu

Hillel I. Hochman, M.D.

(1974 Award Recipient)
In Support of Experimental Studies on Idiopathic
Lactic Acidosis
Boston City Hospital

W. Andrew Hodge, M.D.

(1985 Award Recipient)

The Impositions of Posture on Stance Equilibrium in the Spastic Quadriplegic Child

Hodge BioMotion Orthopedics

wandrewhodgemd@aol.com

Diane Hoffman-Kim, Ph.D.

(2004 Award Recipient)

Axon Guidance by Permissive and Inhibitory Molecular Gradients

Brown University

diane hoffman-kim@brown.edu

Ingrid A. Holm, M.D., M.P.H.

(1995 Award Recipient)

Localization of the Gene Defective in X-Linked
Hypophosphatemic Rickets

Boston Children's Hospital
ingrid.holm@childrens.harvard.edu

Gregory L. Holmes, M.D.

(1984 Award Recipient)

Effect of Hormones on the Development of Seizures in the Immature Brain
Dartmouth-Hitchcock Medical Center gregory.l.holmes@dartmouth.edu

Lewis B. Holmes, M.D.

(1972 Award Recipient)

Improving the Diagnostic Evaluation and Genetic Counseling of Congenitally Malformed Newborn Infants

(1975 Award Recipient)

Role of Extracellular Matrix in Limb Malformation in Mice and Humans Massachusetts General Hospital holmes.lewis@mgh.harvard.edu

Alan C. Homans, M.D.

(1989 Award Recipient)

Hematopoiesis in Down syndrome
Fletcher Allen Health Care
alan.homans@vtmednet.org

Bruce H. Horwitz, M.D., Ph.D.

(1999 Award Recipient)

Regulation of Co-Stimulatory activity by

NF-kappaB

Brigham and Women's Hospital

bhorwitz@rics.bwh.harvard.edu

Margaret K. Hostetter, M.D.

(1980 Award Recipient)

C3b Binding Affinities of Pneumococcal Polysaccharides: a Correlate of Virulence in Childhood Pneumococcal Bacteremia Cincinnati Children's Hospital Medical Center margaret.hostetter@cchmc.org

Peter J. Hotez, M.D., Ph.D.

(1992 Award Recipient)

Molecular Pathogenesis of Pediatric Hookworm Infection

Baylor College of Medicine

hotez@bcm.edu

Thomas J. Hougen, M.D.

(1980 Award Recipient)

Myocardial Monovalent Cation Transport in Man
Georgetown University Hospital
thougen@aol.com

Volker Hovestadt, Ph.D.

(2021 Award Recipient)

Machine Learning-based Risk Prediction For
Children With Medulloblastoma

Dana-Farber Cancer Institute

Volker hovestadt@dfci.harvard.edu

Anna T. Howard

(1960 Award Recipient)

Completion of the Massachusetts Survey of

Nursing Needs and Resources

MA/Rhode Island League for Nursing

Victor W. Hsu, M.D.

(1996 Award Recipient)

Mechanism of Cellular Quality Control

Brigham and Women's Hospital

vhsu@rics.bwh.harvard.edu

Johannes Huebner, M.D.

(1998 Award Recipient)

Capsular Polysaccharides and Enterococcal
Infections

Brigham and Women's Hospital

Christopher Hug, M.D., Ph.D.

(2004 Award Recipient)

Signaling of Acrp30/Adiponectin and T-cadherin in Diabetes

Boston Children's Hospital

christopher.hug@childrens.harvard.edu

James R. Hughes, M.D., M.P.H.

(1968 Award Recipient)

To Determine How Primary Medical Care is Being Delivered in a Rural Community Where No Systematic Program Exists for Reaching the Pre-School Population Dartmouth-Hitchcock Medical Center

Dartmouth-Hitchcock Medical Cente james.r.hughes@dartmouth.edu

Fiachra Humphries, Ph.D.

(2022 Award Recipient)

The role of MARCO in pediatric cancer University of Massachusetts Chan Medical School

Fiachra.humphries@umassmed.edu

Robert Husson, M.D.

(1992 Award Recipient)

Maternal Immunity and Virus Variation in

Vertical HIV Transmission

Boston Children's Hospital

robert.husson@childrens.harvard.edu

Newton E. Hyslop, M.D.

(1972 Award Recipient)
Studies on Human Milk and Nutritional
Requirements of Lactating Human Females
Massachusetts General Hospital
nhyslop@tulane.edu

Dimitrios Iliopoulos, Ph.D.

(2011 Award Recipient)
Identification of Novel Molecular Circuits in
Pediatric Ulcerative Colitis
Dana-Farber Cancer Institute
dimitrios iliopoulos@dfci.harvard.edu

Julie R. Ingelfinger, M.D.

(1977 Award Recipient)

Renal Perfusion and Function in Post-Transplant Hypertension

Boston Children's Hospital

jingelfinger@partners.org

Hiroyuki Inuzuka, Ph.D.

(2015 Award Recipient)

Targeting Fbw7 for the Treatment of Pediatric T-cell Acute Lymphoblastic Leukemia (T-ALL)
Beth Israel Deaconess Medical Center
hinuzuka@bidmc.harvard.edu

Esther Jacobwitz Israel, M.D.

(1987 Award Recipient)
A Study of the Development of the Human
Intestinal Barrier
Massachusetts General Hospital
eisrael1@partners.org

Shirley Jankelevich, M.D.

(1994 Award Recipient)
Interaction of Epstein-Barr Virus with Nuclear
Matrix and Metaphase Scaffold
National Inst. Allergy & Infectious Diseases

Esther Jaquith

(1960 Award Recipient)

Support of a Single Interagency Service for the Registration of Adoptive Children and Homes Massachusetts Adoption Resource Exchange

Patrick Y. Jay, M.D., Ph.D.

(2002 Award Recipient)

The Function of Nkx2-5 in Cardiac Hypertrophy and Failure

Washington University School of Medicine jay p@kids.wustl.edu

Douglas M. Jefferson, Ph.D.

(1987 Award Recipient)

Regulation of Liver Specific Gene Expression

Tufts University School of Medicine

douglas.jefferson@tufts.edu

Frances E Jensen, M.D.

(1992 Award Recipient)

Acute and Long-Term Anti-convulsant Efficacy of Novel Excitatory Amino Antagonists in a Model of Hypoxia-Induced Neonatal Seizures Hospital of the University of Pennsylvania frances.jensen@uphs.upenn.edu

Jun Jiang, M.D., Ph.D.

(2014 Award Recipient)

Trisomy Correction in Down's Syndrome Mouse Models

University of Massachusetts Medical School jun.jiang@umassmed.edu

George M. Johnson, M.D.

(1990 Award Recipient)

Pathogenesis of Staphylococcus Epidermis
Infections: the Roles and Mechanisms of
Extracellular Bacterial Products in Evasion of
Opsonophagocytic Killing
Medical University of South Carolina
johnsogm@musc.edu

Chester N. Jones, M.D.

(1946 Award Recipient)

Study of Nutritional Requirements in Disease

Massachusetts General Hospital

Marco Jost, Ph.D.

(2022 Award Recipient)

Decoding how host-microbiome communication impacts childhood obesity

Harvard University

Marco jost@hms.harvard.edu

Nate Jowett, M.D.

(2019 Award Recipient)

Gene Therapy for Peripheral Nerve Repair

Massachusetts Eye and Ear Infirmary

Nate jowett@meei.harvard.edu

Paul Jubinsky, M.D., Ph.D.

(1993 Award Recipient)

Expression and Function of Human GM-CSF Receptor
Children's Hospital at Montefiore
pjubinsk@montefiore.org

Harald Jueppner, M.D.

(1989 Award Recipient)

Studies of Parathyroid Hormone-Related Peptide and Its Receptors in Bone, Placenta and Breast Tissue

Massachusetts General Hospital jueppner@helix.mgh.harvard.edu

Jeffrey S. Kahn, M.D.

(2001 Award Recipient)

A Novel Approach to a Respiratory Syncytial Virus Vaccine

UT Southwestern Medical Center jeffrey.kahn@utsouthwestern.edu

Naama Kanarek, Ph.D.

(2020 Award Recipient)

Back to the basics of anti-folate therapy for improved cure of pediatric cancer

Boston Children's Hospital

Naama.kanarek@childrens.harvard.edu

Saul J. Karpen, M.D., Ph.D.

(1998 Award Recipient)

Cytokine Regulation of Bile Acid Transport Gene
Baylor College of Medicine

skarpen@bcm.tmc.edu

Hideko Kasahara, M.D., Ph.D.

(1999 Award Recipient)

Protein Phosphorylation of the Cardiac

Homeoprotein Csx/Nks2.5

University of Florida

hkasahar@ufl.edu

Ben Z. Katz, M.D.

(1986 Award Recipient)

Epstein-Barr Virus (EBV) Associated

Lymphoproliferations in Childhood AIDS

Children's Memorial Hospital

bkatz@northwestern.edu

L. Lyndon Key, M.D.

(1984 Award Recipient)

The Effects of Gold Therapy on In Vitro Degradation of Bone by Monocytes
Medical University of South Carolina
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Alisa Khan, M.D., M.P.H.

(2018 Award Recipient)

A Mobile Application to Engage Families of Hospitalized Children in Safety Reporting Boston Children's Hospital alisa.khan@childrens.harvard.edu

Paul S. Kim, M.D.

(1995 Award Recipient)

Mouse Model of Endoplasmic Reticulum Storage Diseases

University of Cincinnati

Donald C. Klein, Ph.D.

(1954 Award Recipient)
School Entry Adjustments

Robert Klein, M.D.

(1963 Award Recipient)

Boston University School of Medicine

Jerome O. Klein, M.D.

(1972 Award Recipient)

Purchase of Equipment Which Will Facilitate Serum Assays in Studies Concerning Serologic Response to Infection with Genital Mycoplasma and Its Relationship to the Outcome of Pregnancy Boston Medical Center jerome.klein@bmc.org

Joan H.M. Knoll, Ph.D., FACMG, FCCMG

(1998 Award Recipient)

Cloning a Gene Associated with Roberts Syndrome University of Western Ontario joan.knoll@schulich.uwo.ca

Lazaros Kochilas, M.D.

(2003 Award Recipient)

Neural Crest and Cardiac Outflow Tract

Development

University of Minnesota

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Hetal S. Kocinsky, M.D.

(2008 Award Recipient)

Regulation of Proximal Tubule NHE3 by

Phosphatases

Pfizer New Haven CRU

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Andrew Kodani, Ph.D.

(2018 Award Recipient)

Zika Virus Alters Centrosome Architecture to Abrogate Developmental Signaling in the Brain Boston Children's Hospital

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Ralph L. Kolodny, Ph.D.

(1956 Award Recipient)

Funds to provide a Community Liaison Worker to work with social agencies, clinics and hospitals toward a more effective use of existing group service resources

Boston Children's Service Association

Edwin H. Kolodny, M.D.

(1975 Award Recipient)

Research and Development of an Automated System for Lysosomal Enzyme Assays and the Processing of Specimens for Analysis by This Method

Eunice Kennedy Shriver Center, University of Massachusetts Medical School edwin.kolodny@med.nyu.edu

Sek Won Kong, M.D.

(2009 Award Recipient)

Uncovering Molecular Targets of Histone Deacetylase Inhibitors in Cardiac Hypertrophy and Heart Failure

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Dong Kong, Ph.D.

(2014 Award Recipient)

Mitochondria, Cognitive Defects, and Child

Obesity

Tufts University School of Medicine

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Benjamin Kotkov, Ph.D.

(1959 Award Recipient)

Pilot Experiment to Provide Child Guidance

Services

Children's Special Services Center

Stella Kourembanas, M.D.

(1991 Award Recipient)

Regulation of Endothelin by Oxygen Tension

Boston Children's Hospital

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Philip J. Kranzusch, Ph.D.

(January 2017 Award Recipient)

Mechanism of STING Signaling and Auto-Activation
during Pediatric Inflammatory Disease
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Stephen Daniel Krasinski, Ph.D.

(1993 Award Recipient)
Transcriptional Regulation of Intestinal
Differentiation
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Jordan A. Kreidberg, M.D., Ph.D.

(1995 Award Recipient)

The Molecular Basis of Kidney Development and Disease

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Mitchell J. Kresch, M.D.

(1991 Award Recipient)

Developmental Regulation of Surfactant

Reuptake by Fetal Type II Cells

Pennsylvania State Hershey Milton S. Hershey

Medical Center

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Anton O. Kris, M.D.

(1966 Award Recipient)

Support of a pilot demonstration for the development and implementation of a systematic method for effective discharge planning, placement and aftercare of adolescents who are patients in mental hospitals Boston State Hospital

Bernhard Kuhn, M.D.

(2008 Award Recipient)

Mechanisms of Cardiomyocyte Proliferation

Boston Children's Hospital

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David M. Kurnit, M.D., Ph.D.

(1979 and 1980 Award Recipient)

Molecular and Clinical Studies on Human

Chromosome 21

University of Michigan Medical School

Jake Alden Kushner, M.D.

(2003 Award Recipient)

Cell Cycle Regulation of Islet Growth

Baylor College of Medicine

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Sau-ping Kwan, Ph.D.

(1982 Award Recipient)
Studies of the Mechanism of Heavy Chain
Deletion in B Cells of 'Non-Secretory'
Agammaglobulinemia
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Catherine Lachenauer, M.D.

(1999 Award Recipient)

Mosaicism in the Alpha-like Proteins of Group B Streptococcus

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Adam Lacy-Hulbert, Ph.D.

(2010 Award Recipient)
Role of Alpha(v) Integrins in Establishment of
Intestinal Immunity
Massachusetts General Hospital

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Nancy Langhans, M.D.

(1995 Award Recipient)

Targeted Disruption of the Mouse CCK-B/Gastrin Receptor

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Frederick LaRochelle, M.D., Ph.D.

(1979 Award Recipient)

Neurohypophyseal Response to Dehydration Stimulus during Development: Plasma and Urinary ADH (Antidiuretic Hormone) Geisel Medical School at Dartmouth

Bonnie W. Lau, M.D., Ph.D.

(2022 Award Recipient)

Combining PARP inhibitor with Standard Chemotherapy for Childhood Acute Myeloid Leukemia

Dartmouth-Hitchcock Clinic

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Amy S.Y. Lee, Ph.D.

(January 2017 Award Recipient)

Regulation of mRNA Translation Initiation in

Development

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Benjamin Lee, M.D.

(2016 Award Recipient)

The Effects of Increased Inoculum on Oral Rotavirus Vaccine Take and Immunogenicity University of Vermont College of Medicine benjamin.lee.1@med.uvm.edu

Catherine A. Lee, Ph.D.

(1994 Award Recipient)
Salmonella Entry into Intestinal Cells
Massachusetts Institute of Technology
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Eunjung Alice Lee, Ph.D.

(2019 Award Recipient)

Systematic Discovery and Correction of Splicing Defects caused by Retroelement Insertions Boston Children's Hospital

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Mary M. Lee, M.D.

(1997 Award Recipient)

The Role of Mullerian Inhibiting Substance in Leydig Cell Growth

UMASS Memorial Children's Medical Center mary.lee@umassmemorial.org

Raphael Lee, M.D., Sc.D.

(1983 and 1984 Award Recipient)

Physical Forces in Skeletal Growth and

Development: Quantification of Cellular

Response

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Sanghyun Lee, Ph.D.

(2023 Award Recipient)

Development of a high efficacy non-capsid norovirus vaccine

Brown University

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Pui Y. Lee, M.D., Ph.D.

(2021 Award Recipient)

mTORC1 as a Mediator of Hemophagocytosis and Macrophage Activation Syndrome Boston Children's Hospital Pui.lee@childrens.harvard.edu

Angela Lek, Ph.D.

(2021 Award Recipient)

Exploring Therapeutic Opportunities For Severe

And Early Onset FSHD

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Wayne I. Lencer, M.D.

(1988 Award Recipient)

Transcellular Targeting of Cholera Toxin

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Paul Hubert Lerou, M.D.

(2010 Award Recipient)
p53 Regulation in Human Pluripotent Stem Cells
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Laurel K. Leslie, M.D., M.P.H.

(2007 Award Recipient)

Medication Use for Behavioral Problems among
Youth in Child Welfare

American Board of Pediatrics

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Donald Y.M. Leung, M.D., Ph.D.

(1980 Award Recipient)
Immune Mechanisms in Atopic Dermatitis
(1981 Award Recipient)
Immunoregulation in Kawasaki's Disease
National Jewish Medical and Research Center
leungd@njc.org

Danielle Levac, P.T., Ph.D.

(2017 Award Recipient)

From Virtual Reality to Real Life Skill: Enhancing the potential of Virtual Environments for Rehabilitation in children with Cerebral Palsy Northeastern University d.levac@northeastern.edu

John M. Leventhal, M.D.

(1981 Award Recipient)
Infant Feeding and Infectious Morbidity during
the First Three Months of Life
Yale School of Medicine
john.levanthal@yale.edu

Nancy J. Levy, Ph.D.

(1984 Award Recipient)
Immunotherapeutic Approaches to Group B
Streptococcal Disease (1984) - Expression of the
C1q Receptor on Cord Blood Monocytes:
Relationship to Neonatal Susceptibility to Group
B Streptococcal Disease

(1987 Award Recipient)

Expression of the C1q Receptor on Cord Blood Monocytes: Relationships to Neonatal Susceptibility to Group B Streptococcal Disease BioHealth Management LLC nancyjlevy@biohealthmanagement.com

Joanne E. Levy, M.D.

(2001 Award Recipient)

Genetic Studies of Mammalian Lead Absorption

Boston Children's Hospital

Ann H. Lewis, M.D.

(1968 Award Recipient)
To Train Attendants and Other NonProfessionals to Become Child Care or Mental
Retardation Aides
Paul A. Dever State School

Leon R. Lezer, M.D.

(1964 Award Recipient)

Establishing an organized education and play program for pre-school children whose presence in the outpatient clinics is incidental to the delivery of medical care for some other member of the family

Boston City Hospital

Yefu Li, Ph.D.

(1996 Award Recipient)

Molecular Genetic Study of Congenital
Hydrocephalus

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Xue Sean Li, Ph.D.

(2006 Award Recipient)

Transcriptional Mechanism of the Wnt/Beta-Catenin Signaling Pathway during Pituitary Organogenesis and Tumorigenesis Boston Children's Hospital sean.li@childrens.harvard.edu

Janghoo Lim, Ph.D.

(2012 Award Recipient)

Molecular Pathogenesis Studies of Childhood

Neurological Disorders; Rett and Angelman Syndromes

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Michael A. Linshaw, M.D.

(1988 Award Recipient)
Role of Extracellular Matrix in Maintenance of
Renal Cell Volume
Massachusetts General Hospital

Myra Lipes, M.D.

(1991 Award Recipient)

A Transgenic Approach to Analyze Putative Autoantigens in Type I Diabetes Joslin Diabetes Center myra.lipes@joslin.harvard.edu

Stuart A. Lipton, M.D., Ph.D.

(1986 Award Recipient)

Thy-1 and Process Regeneration by Central

Mammalian Neurons

The Burnham Institute

slipton@burnham.org

George Lister, M.D.

(1979 Award Recipient)

Experimental Augmentation of Oxygen Delivery
with Acute Hypoxemia
Yale School of Medicine
george.lister@yale.edu

Zhengyu Liu, Ph.D.

(2009 Award Recipient)

Novel Potential Treatment for Juvenile Diabetes

Sandoz Inc., a Novartis Company

zhengyu.liu@sandoz.com

Michael A. Lodato, Ph.D.

(2020 Award Recipient)

Single-cell transcriptomic and genomic analysis of human Ataxia Telangiectasia neurons
University of Massachusetts Chan Medical
School

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Barry London, M.D., Ph.D.

(1995 Award Recipient)

A Molecular Analysis of Cardiac Automaticity University of Pittsburgh; londonb@upmc.edu

Christopher Y. Lu, M.D.

(1988 Award Recipient)

Fetoplacental Infections and the Regulation of Macrophage Function by Decidual Cells
UT Southwestern Medical School
christopher.lu@utsouthwestern.edu

Chunling Lu, Ph.D.

(2013 Award Recipient)

The Effectiveness of Community Financing Approach in Improving Child Nutrition Status in Rwanda

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Carrie Lucas, Ph.D.

(2017 Award Recipient)

Mechanisms of Disease in Pediatric Lymphocyte Disorders Caused by PI3K Gene Mutations Yale University

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Jerold F. Lucey, M.D.

(1978 Award Recipient)

The Relationship of Cerebral Perfusion Pressure to Hemorrhage and Ischemic Lesions of the Prenatal Brain

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David S. Ludwig, M.D., Ph.D.

(1995 Award Recipient)

Studies on the Neuroendocrine Regulation of Obesity: a Transgenic Model of Melanin Concentrating Hormone Overexpression Boston Children's Hospital

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Christina Luedke, M.D., Ph.D.

(1996 Award Recipient)

Reproductive Consequences of Altered Oxytocin Expression

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William A. Lutin, M.D., Ph.D.

(1988 Award Recipient)

Hormonal Regulation of Rat Fetal Lung Proteins Georgia Health Sciences University

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Katherine Luzuriaga, M.D.

(1991 Award Recipient)

HIV-1 Specific CTL in Pediatric Infection
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Enbo Ma, Ph.D.

(1998 Award Recipient)

Molecular Mechanisms of Tissue Tolerance to O2 Deprivation

University of California, Berkeley enboma@uclink.berkeley.edu

<u>.</u>

Mia MacCollin, M.D.

(1996 Award Recipient)

Genetic Analysis of Leukodystrophy

Massachusetts General Hospital

Naila Makhani, M.D., M.P.H.

(2020 Award Recipient)

Novel MRI Markers to Predict Multiple Sclerosis in Children at Risk

Yale University

Naila.makhani@yale.edu

David C. Martinelli, Ph.D.

(2019 Award Recipient)

Establishing the C1Q-like Protein Signaling
Pathway as a Novel Target for ADHD Treatments
A.J. Pappanikou Center for Excellence in

Developmental Disabilities

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Rene Maehr, Ph.D.

(2014 Award Recipient)

Development of a Pluripotent Stem Cell-based Approach to Model DiGeorge Syndrome University of Massachusetts Medical School rene.maehr@umassmed.edu

Jamie Lynn Maguire, Ph.D.

(2010 Award Recipient)

Impact of Maternal Depression on Offspring
Development

Tufts University School of Medicine jamie.maguire@tufts.edu

Nikhil S Malvankar, Ph.D.

(January 2017 Award Recipient) Targeting Bacterial Infections in Cystic Fibrosis by Imaging Electrical Interactions between Host Surface and a Pathogen Yale University

nikhil.malvankar@yale.edu

James Mandell, M.D.

(1976 Award Recipient) Study of the Bicuculline Response in Experimental Amblyopia Boston Children's Hospital james.mandell@childrens.harvard.edu

John P. Manis, M.D.

(1999 Award Recipient) Regulation of Immunoglobulin Class Switch Recombination Boston Children's Hospital manis@enders.tch.harvard.edu

Leila A. Mankarious, M.D.

(2000 Award Recipient)

The Stenotic Trachea: a Biochemical Study of Cartilaginous and Mucosal Injury in the Human and in the Rabbit Massachusetts Eye and Ear Infirmary leila mankarious@meei.harvard.edu

Rebekah Mannix, M.D., M.P.H.

(2011 Award Recipient)

The Effect of Age on Outcome after Traumatic Brain Injury in Apolipoprotein E4 Carriers Boston Children's Hospital

rebekah.mannix@childrens.harvard.edu

Junhao Mao, Ph.D.

(2009 Award Recipient) The Role of the Hedgehog Pathway in Childhood Rhabdomyosarcoma University of Massachusetts Medical School junhao.mao@umassmed.edu

Thomas J. Maresca, Ph.D.

(2013 Award Recipient)

Detecting and Correcting Errors during Cell Division University of Massachusetts Amherst tmaresca@bio.umass.edu

H. I. Margolis, D.M.D.

(1955 Award Recipient)

In Vivo Technique for the Evaluation of Bone Mineralization Variations in Children

Jill Lamanna Maron, M.D., M.P.H.

(2009 Award Recipient)

Neonatal Salivary Genomic Profiles to Assess Gastrointestinal Development and Disease Women & Infants Hospital of Rhode Island imaron@wihri.org

Paul "Kip" Martha, M.D.

(1990 Award Recipient) Specific Regulatory Effects of Gonadal Hormone on the Growth Hormone Neuroaxis Interleukin Genetics, INC. kmartha@elixirpharm.com

Thomas R. Martin, M.D.

(1989 Award Recipient) Cellular Elements Responsible for Allergic **Broncho-Constriction** VA Puget Sound Health Care System trmartin@u.washington.edu

Duncan SR Maru, M.D., Ph.D.

(2014 Award Recipient) Integrating Pediatric Care Delivery in Rural Healthcare Systems Brigham and Women's Hospital duncan@possiblehealth.org

Benedict F. Massell, M.D.

(1954 Award Recipient) Rheumatic Fever Study

Farrah J. Mateen, M.D., Ph.D.

(2016 Award Recipient)

Remote Diagnosis of Pediatric Epilepsy through a Smartphone-Based EEG Massachusetts General Hospital

fmateen@partners.org

Alan N. Mayer, M.D., Ph.D.

(2002 Award Recipient)

Molecular Basis of Organogenesis: Isolation of Npo Associated Proteins and RNA

Medical College of Wisconsin

alanm@wigia.com

Chaim I. Mayman, M.D.

(1972 Award Recipient)

Research toward Studying the Activity of
Enzymes Concerned with Cerebrospinal Fluid
Formation in Newborn and Developing Animals
to Help Improve the Treatment of
Hydrocephalus in Children
Beth Israel Deaconess Medical Center

Irina Mazo, M.D., Ph.D.

(2003 Award Recipient)

The Immunocompetent Cell Migration to the

Bone Marrow

Immune Disease Institute

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James McGrath, M.D., Ph.D.

(1994 Award Recipient)

Genomic Imprinting

Yale School of Medicine

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Kenneth McIntosh, M.D.

(1984 Award Recipient)

Respiratory Syncytial Virus: Epidemiology and

Immunologic Response

Boston Children's Hospital

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Donald E. McKay, M.D.

(1953 Award Recipient)

Pregnancy Toxemia

R. James McKay, M.D.

(1962 Award Recipient)

Funds to Assist the New Teaching Program in Human Genetics to Become Soundly Established University of Vermont College of Medicine

Marion McKee

(1963 Award Recipient)

An evaluation survey of families, social and medical agencies, and physicians with respect to mental health programs

Vermont Department of Health

David McKenney, Ph.D.

(2000 Award Recipient)

Immunoprophylaxis of Staphlococcus Aureus

Infections in Neonates

Paratek Pharmaceuticals

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Kara L. McKinley, Ph.D.

(2022 Award Recipient)

Maturation of the uterus during puberty

Harvard University

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Jason S. McLellan, Ph.D.

(2015 Award Recipient)

Molecular Mechanisms of Small Molecule RSV

Fusion Inhibitors

Geisel School of Medicine at Dartmouth

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James T. McLaughlin, Ph.D.

(1996 Award Recipient)

In Vitro and In Vivo Models of Cushing's Disease:

Calcium

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Katie Anne McLaughlin, Ph.D.

(2012 Award Recipient)

Neurobiological Mechanisms Linking Adverse Childhood Experiences to Adolescent Mental

Disorders

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Robert H. McLean, M.D.

(1974 Award Recipient)

Isolation and Characterization of a C3 Activating Serum Factor and its Role in Human Glomerulonephritis

University of Connecticut Health Center

James G. McNamara, M.D., M.S.

(1990 Award Recipient)

Analysis of T-cell Clones during Human Development
National Institute of Allergy and Infectious Diseases
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Alison L. Meadows, M.D., Ph.D.

(2006 Award Recipient)

Novel Computational Modeling of Dynamic Afterload and Ventriculo-arterial Coupling in Coarctation of the Aorta University of California, San Francisco

Joan Mecsas, Ph.D.

(2001 Award Recipient)

Role of Yersinia Yops in Causing Diarrheal Disease

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Laura R. Ment, M.D.

(1981 Award Recipient)

Cerebral Blood Flow and Metabolism in the Beagle Puppy Model of Intraventricular Hemmorhage (IVH) (1981)

(1982 Award Recipient)

Fine Structure of Intraventricular Hemmorhage Yale School of Medicine laura.ment@yale.edu

Ezio Merler, Ph.D.

(1979 Award Recipient)
Immunoregulation by a New Physiological
Suppressor Substance
Boston Children's Hospital

Simon K. Michael, M.D., Ph.D.

(1999 Award Recipient)

Following Cell Fate in the Living Mouse Embryo
Tufts Medical Center

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Laurie C. Miller, M.D.

(1991 Award Recipient)

Regulation of Human IL-1 and IL-1ra Gene Expression by Borrelia Burgdorferi Tufts Medical Center

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Tracie Lee Miller, M.D.

(1992 Award Recipient)

Nutritional Evaluation of HIV-Infected Children University of Miami School of Medicine tracie.miller@miami.edu

Anthony B. Minnefor, M.D.

(1956 Award Recipient)
Development of Vaccine for Human
Cytomegalovirus

(1970 Award Recipient)

Vaccine against Human Cytomegalovirus University of Vermont College of Medicine

Lisa Mary Minter, Ph.D.

(2009 Award Recipient)

Targeting NF-kappaB Signaling in a Murine Model of Acquired Aplastic Anemia University of Massachusetts Amherst Iminter@vasci.umass.edu

Kristin L. Moffitt, M.D.

(2015 Award Recipient)

Host and Bacterial Factors in Staphylococcus aureus Skin Infections in Autosomal Dominant-Hyper IgE Syndrome Boston Children's Hospital kristin.moffitt@childrens.harvard.edu

Wing Ki Mok, Ph.D.

(2020 Award Recipient)

Harnessing Microbiome Constituents to Prevent Recurrent Pediatric Methicillin-Resistant Staphylococcus aureus Infections University of Connecticut Health Center mok@uchc.edu

Deborah C. Molrine, M.D., M.P.H.

(1997 Award Recipient)

The Effect of Anti-Sialidase Antibody in a Murine Model of RSV Infection
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Paul Moore, M.D.

(2000 Award Recipient)

B2-Adrenergic Receptor Polymorphisms
Influence Desensitization

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Melinda J. Morin, M.D.

(2001 Award Recipient)

Mechanisms of MF-kB and MAPK Signal

Transduction in Endotoxin Tolerance

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C.F.A. Morrees, D.M.D.

(1947 Award Recipient)

Research in Growth and Development of Teeth and Jaws

Katherine M. Morris, Ph.D.

(1979 Award Recipient), Immune Disease In. The Genetic Mechanism of Hereditary Angiodema: Regulation of C1 Inhibitor Synthesis in Vitro

Eric Matthew Morrow, M.D., Ph.D.

(2007 Award Recipient)

Genetic Investigation of Cognitive Development
in Autistic Spectrum Disorders

Massachusetts General Hospital

Eric Morrow@brown.edu

Keith E. Mostov, M.D., Ph.D.

(1985 Award Recipient)

Receptor-mediated Transport of Immunoglobin G in Neonatal Rat Intestines and Human Placenta

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Hongmei Mou, Ph.D.

(2019 Award Recipient)

Genetic Etiology Study of Neuroendocrine Cell Hyperplasia of Infancy (NEHI) on Dish Massachusetts General Hospital hmou@mgh.harvard.edu

Fernando R. Moya, M.D.

(1985 Award Recipient)
Acceleration of Fetal Lung Maturation by
Administration of Dexamethasone and

Thyrotropin-Releasing Hormone (TRH) to the Pregnant Rabbit

UT Health Science Center at Houston

Susan Moyer, M.D.

(1989 Award Recipient)

Ontogeny of Intestinal Taurine Transport Cincinnati Children's Hospital Medical Center

Lars Ulf Werner Mueller, M.D.

(2009 Award Recipient)

Validation of Disease-specific Fanconi Anemia Induced Pluripotent Stem (iPS) Cells a Tool for Studying Bone Marrow Failure and Enabling Regenerative Medicine

Genentech

mueller.lars@gene.com

Louis J. Muglia, M.D., Ph.D.

(1993 Award Recipient)

The Function and Regulation of Corticotropin Releasing Hormone

Vanderbilt University Medical Center louis.muglia@vanderbilt.edu

Noritsugu Mukai, M.D.

(1974 Award Recipient)

For the Further Understanding, Prevention and Treatment of Retinoblastoma Schepens Eye Research Institute

Paul L. Munson, M.D.

(1954 Award Recipient)

Calcium Concentration of Milk

Thomas Scot Murray, M.D., Ph.D.

(2010 Award Recipient)

The Role of Lactate Metabolism in Pseudomonas Aeruginosa Biofilm Formation Yale School of Medicine

thomas.s.murray@yale.edu

Sigrid Nachtergaele, Ph.D.

(2021 Award Recipient)

Dysregulated RNA modifications in the context of human development

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Linda L. Nardone, Ph.D.

(1977 Award Recipient)

Effects of Antibiotics on Surfactant Synthesis and Secretion

Yale School of Medicine

Inardone@elusys.com

David G. Nathan, M.D.

(1969 Award Recipient)

Biochemical Control of Severe Thalassemia

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Eugene F. Nattie, M.D.

(1979 and 1980 Award Recipient)

Brain and Cerebrospinal Fluid Acid-Base and

Electrolyte Balance in the Newborn Puppy during

Hypo- and Hypernatremia

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Victor M. Navarro, Ph.D.

(2014 Award Recipient)

The Role of Tachykinins in the Central Control of Sexual Maturation: Implications for the Timing of Puberty

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Inna Nechipurenko, Ph.D.

(2023 Award Recipient)

Role of Heterotrimeric G Proteins in Cilia

Assembly and Pathogenesis of

Neurodevelopmental Disorders

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Ellis J. Neufeld, M.D., Ph.D.

(1992 Award Recipient)

Molecular Basis of the Syndrome of TRADD

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Ann Neumeyer, M.D.

(1995 Award Recipient)

Myoblast Fusion and Implantation

Massachusetts General Hospital

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Peter E. Newburger, M.D.

(1982 and 1983 Award Recipient)

Function and Differentiation of Phagocytes in

Hematologic Disorders

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Peter Andrija Nigrovic, M.D.

(2009 Award Recipient)

Neutrophil Recruitment in Inflammatory Arthritis

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Lise Edelberg Nigrovic, M.D., M.P.H.

(2010 Award Recipient)

Development and Pilot Testing of a

Computerized Decision Rule for Children with

Minor Blunt Head Trauma

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Abraham E. Nizel, D.M.D.

(1969 Award Recipient)

Biomedical Study of Young People who Suffer

from Rampant Dental Caries

Tufts University School of Dental Medicine

Hans C. Oettgen, M.D., Ph.D.

(1994 Award Recipient)

Genetic Analysis of the Function of IgE in Allergic Pathology

Boston Children's Hospital

hans.oettgen@childrens.harvard.edu

William Oh, M.D.

(1974 Award Recipient)

Clinical Studies on the Feeding of Alanine toward the Prevention of Neonatal Hypoglycemia in Infants with Intrauterine Growth Retardation Women & Infants Hospital of Rhode Island william oh@brown.edu

Tihamer Orban, M.D.

(1998 Award Recipient)

Autoantigen Vaccination in Human Type 1

Diabetes Mellitus

Joslin Diabetes Center

tihamer.orban@joslin.harvard.edu

Roslyn W. Orkin, Ph.D.

(1983 Award Recipient)

Role of Hyaluronidase in Morphogenesis and

Tissue Remodeling

Harvard Medical School

roslyn orkin@hms.harvard.edu

Megan H. Orzalli, Ph.D.

(2020 Award Recipient)

The Role of Cutaneous Intrinisic Immunity in

Neonatal Antiviral Defense

University of Massachusetts Chan Medical

School

Megan.orzalli@umassmed.edu

John S. O'Shea, M.D.

(1977 Award Recipient)

Treatment of Serous Otitis Media

Rhode Island Hospital

Sung-Yun Pai, M.D.

(2006 Award Recipient)

Genome-wide Identification of GATA3 Targets in

Thymus

Boston Children's Hospital

sung-yun.pai@childrens.harvard.edu

In-Hyun Park, Ph.D.

(2010 Award Recipient)

Investigation of Functional Myogenic

Progenitors from Human ES and iPS Cells for

Duchenne Muscular Dystrophy

Yale School of Medicine

inhyun.park@yale.edu

Mark A. Parker, Ph.D.

(2006 Award Recipient)

Engineering Neural Stem Cells to Develop along

a Cochlear Pathway

Massachusetts Eye and Ear Infirmary

mark parker@meei.harvard.edu

Mark S. Pasternack, M.D.

(1983 Award Recipient)

Analysis of Cell-Mediated Immunity in

Experimental Respiratory Syncytial Virus

Infection

Massachusetts General Hospital

mpasternack@partners.org

Rupal Patel, Ph.D.

(2004 Award Recipient)

Harnessing Residual Vocal Control in Children
with Severe Speech Impairment
Northeastern University
r.patel@neu.edu

Sarita U. Patil, M.D.

(2019 Award Recipient)

Protective Antibodies in Immunotherapy for

Peanut Allergy

Massachusetts General Hospital

Sarita.patil@mgh.harvard.edu

Eleanor Pavenstedt, M.D.

(1967 Award Recipient)

Establishment of an Infants and Toddlers Unit in the Mental Health Intervention Program, Initiated in the Columbia Point Health Center Tufts University School of Medicine

David H. Perlmutter, M.D.

(1985 Award Recipient) The Biochemical Defect in PiZ Alpha-1 Antitrypsin Deficiency

(1986 Award Recipient)

The Biochemical Defect in Alpha-1 Antitrypsin

Deficiency II

Children's Hospital of Pittsburgh

perldav@chp.edu

Maurice J. Pescitelli, Ph.D.

(1988 Award Recipient)

The Relationship Between Early Vascular
Development and the Occurrence of Limb and
Visceral Malformations Caused by Dominant
Hemimelia in Mice
University of Illinois College of Medicine
mjpesci@uic.edu

Georges Peter, M.D.

(1978 and 1979 Award Recipient) *Gram-negative Bacteremia in Children with Malignancies*Rhode Island Hospital

David S. Phelps, Ph.D.

(1986 Award Recipient)

Characterization and Quantitation of Low Molecular Weight Proteins in Human Pulmonary Surfactant

The Penn. State University College of Medicine dsp4@psu.edu

Anthony Philipps, M.D.

(1977 Award Recipient)

Fetal Insulin Secretion and Glucose Utilization

(1978 Award Recipient)

Metabolic Effects of Fetal Endogenous Insulin Secretion

University of California, Davis Medical Center a.philipps@ucdmc.ucdavis.edu

Harry I. Phillips, M.D.

(1960 Award Recipient)

Pilot project in the Newton School Health Service, designed toward developing a program for school physicians which will change their role from that of a "medical inspector" to that of a "school medical advisor"

Newton Board of Health

Chanika Phornphutkul, M.D.

(2005 Award Recipient)

Chondrogenesis and Long Bone Growth

Rhode Island Hospital

Chanika Phornphutkul@brown.edu

Xianhua Piao, M.D., Ph.D.

(2004 Award Recipient)

The Genetics of Bilateral Frontoparietal

Polymicrogyria and Epilepsy

Boston Children's Hospital

xianhua.piao@childrens.harvard.edu

Gerald B. Pier, Ph.D.

(1985 Award Recipient)

Prevention of Coagulase-negative

Staphylococcal Infections of Indwelling Catheters
and Prosthetic Devices

Brigham and Women's Hospital

gpier@rics.bwh.harvard.edu

Richard Pierce, M.D., M.S.

(2018 Award Recipient)

Assessment and Mechanisms of Blood Vessel Dysfunction in Critically III Children Yale University

Richard.pierce@yale.edu

Yana Pikman, M.D.

(2021 Award Recipient) Precision Medicine for Pediatric Acute Leukemia Dana-Farber Cancer Institute

Yana pikman@dcfi.harvard.edu

Emese Pinter, M.D.

(1999 Award Recipient)

Hyperglycemia-Induced Vasculopathy in the Murine Conceptus: the Role of PECAM-1 Modulated Catenin/Cadherin Interactions during **Endothelial Tube Formation** Yale School of Medicine emese.pinter@yale.edu

Bruce R. Pitt, Ph.D.

(1981 Award Recipient)

Pulmonary Metabolic Function in the Awake Lamb: Effect of Hypoxia and Development University of Pittsburgh, School of Public Health brucep@pitt.edu

Annapurna Poduri, M.D.

(2016 Award Recipient) Zebrafish Models of PCDH19-related Pediatric **Epilepsy** Boston Children's Hospital annapurna.poduri@childrens.harvard.edu

Stephen C. Porter, M.D., M.P.H.

(2002 Award Recipient) Informative Technology Linking Parents and **Providers** University of Toronto stephen.porter@sickkids.ca

George A. Porter, M.D., Ph.D.

(2006 Award Recipient)

Calcium Channels Regulate the Formation of the Cardiac Outflow Tract from the Anterior Heart Field

University of Rochester Medical Center george porter@urmc.rochester.edu

Tara Pouyani, Ph.D.

(2005 Award Recipient) Development of a Novel Skin Substitute to Promote Dermal Regeneration Northeastern University t.pouyani@neu.edu

Sara L. Prescott, Ph.D.

(2022 Award Recipient)

The Role of Airway Neurons in Childhood Asthma

Massachusetts Institute of Technology sprescot@mit.edu

Dane G. Prugh, M.D.

(1954 Award Recipient) Brenton Unit for Psychological Pediatrics Boston Children's Hospital

William T. Pu, M.D.

(2000 Award Recipient) Csx and GATA4 Cardiac Transcription Factors in Myocardial Hypertrophy Boston Children's Hospital wpu@enders.tch.harvard.edu

Read Pukkila-Worley, M.D.

(2016 Award Recipient) Homeostatic Regulation of Innate Immune Activation in Intestinal Epithelial Cells University of Massachusetts Medical School Worley@umassmed.edu

Karen Puopolo, M.D., Ph.D.

(2004 Award Recipient)

Mechanisms of Transcriptional Regulation and Genetic Recombination in Group B Strep
Brigham and Women's Hospital
kpuopolo@partners.org

Elizabeth Quackenbush, M.D., Ph.D.

(1998 Award Recipient)

Development of a Novel Model of Intravital

Microscopy to Examine Fetal Cell Migration

Merck & Company, Inc.

Paula Quatromoni, D.Sc.

(2007 Award Recipient)

Evaluating IMOVE: An Environmental Intervention to Promote Healthy Eating in Middle-School Children from Massachusetts Communities at High Risk for Childhood Obesity Sargent College of Health and Rehabilitation Sciences, Boston University

Lawrence F. Quigley, D.M.D.

paulaq@bu.edu

(1964 Award Recipient)
Research Designed for the Evaluation of
Reconstructive Surgery in Cleft Palate Patients
The Forsyth Institute

Narayanaswamy Ramesh, Ph.D.

(1993 Award Recipient)

Analysis of Gamma/Delta T-cell Activation by Superantigens and in Juvenile Rheumatoid Arthritis Boston Children's Hospital

narayanaswamy.ramesh@childrens.harvard.edu

Vijay Rathinam, PH.D.

(2016 Award Recipient)
Inflammatory Mechanisms in Enteric Bacterial
Disease
University of Connecticut Health Center
rathinam@uchc.edu

John R. Raye, M.D.

(1973 Award Recipient)

Effects of Uterine Vascular Obstruction on Fetal
Nutrient Supply

(1981 Award Recipient)

Effect of Caffeine Exposure during Pregnancy on Growth and Behavioral Development: I. Characterization of Pharmacokinetics and Effects on Pregnancy in Rabbit Model University of Connecticut Health Center jraye@att.net

Andrea Reboldi, Ph.D.

(2017 Award Recipient)

Microbial And Dietary Reprogramming of
Intestinal Immune Memory
University of Massachusetts Chan Medical
School
andrea.reboldi@umassmed.edu

Duncan E. Reid, M.D.

(1949 Award Recipient)

Metabolic Changes during Pregnancy
Brigham and Women's Hospital

Aaron Remenschneider, M.D., M.P.H.

(2018 Award Recipient)

Advancing Pediatric Tympanoplasty with 3Dimensionally Printed Eardrums

Massachusetts Eye and Ear Infirmary

Aaron remenschneider@meei.harvard.edu

Steven Reppert, M.D.

(1980 Award Recipient)

Postnatal Maternal Influence on Circadian

Periodicity in the Rat

University of Massachusetts Medical School

Steven.Reppert@umassmed.edu

Elizabeth P. Rice, A.M., S.M.

(1953 Award Recipient)

Funds to employ a social worker for the Child Health Clinic at the Bromley Park and Health Housing Project in cooperation with HSPH and the Boston Health Department Harvard School of Public Health

R. Gerald Rice, M.D., M.P.H.

(1953 Award Recipient)

Accident Prevention among Children: a Pilot Study

Elizabeth P. Rice, A.M., S.M.

(1960 Award Recipient)

Family Health Clinic

Harvard School of Public Health

Peter Rice, M.D.

(1979 and 1981 Award Recipient)
Immunologic and Chemical Studies of Nontypable Haemophilus Influenzae in Children with
Otitis Media
University of Massachusetts Medical School
peter.rice@umassmed.edu

Michael Ogden Rich, M.D., M.P.H.

(2005 Award Recipient)

VIA - Overweight and at Risk (OAR)

Boston Children's Hospital

kristelle.lavallee@childrens.harvard.edu

Tracy K. Richmond, M.D., M.P.H.

(2007 Award Recipient)

School Physical Activity Programs' Contribution to Racial/Ethnic Disparities in Adolescent Physical Activity and Obesity
Boston Children's Hospital tracy.richmond@childrens.harvard.edu

Leona L. Riskin, A.S.W.

(1960 Award Recipient)

Support of a Prep Club Project which would provide opportunities for high school students from economically deprived areas to explore careers in social work

(1967 Award Recipient)

Prep Club Project

Social Work Careers Program

Robert F. Ritchie, M.D.

(1969 Award Recipient)
Automation of Multiple Plasma Protein
Immunoassays for Pediatric Patients
Maine Medical Center
ritchie@fbr.org

Stanley L. Robbins, M.D.

(1947 Award Recipient)

Study of Renal Damage in Diabetes

Boston University School of Medicine

Charles W. M. Roberts, M.D., Ph.D.

(2003 Award Recipient)

Identifying Transcriptional Targets of the Snf5
Tumor Suppressor in Aggressive Pediatric Cancer
Dana-Farber Cancer Institute
charles-roberts@dfci.harvard.edu

Stephanie Roberts, M.D.

(2023 Award Recipient)

The Role and Mechanism of Makorin Ring Finger Protein 3 in Children with Delayed Puberty Boston Children's Hospital stephanie.roberts@childrens.harvard.edu

Reginald Robinson, Ph.D.

(1960 Award Recipient)
Support of the Program of the MA Committee on
Children and Youth
MA Committee on Children and Youth

Ellen T. Roche, Ph.D.

(2019 Award Recipient)

A Circulatory Support Device for Children with Univentricular Hearts and Failing Fontan Physiology

Massachusetts Institute of Technology Etr@mit.edu

Peter Rohloff, M.D., Ph.D.

(January 2017 Award Recipient)

Using Mobile Health Technology to Improve the

Continuum of Neonatal Care in Rural Guatemala

Brigham and Women's Hospital

prohloff@partners.org

Seymour L. Romney, M.D.

(1953 Award Recipient)
Pregnancy Toxemia

Fred S. Rosen, M.D.

(1966 Award Recipient)

Prevention of Warm Hemolysis by the IgG

Effector Site for the Monocyte Receptor

Boston Children's Hospital

rosen@cbr.med.harvard.edu

Julia Rosenberg, M.D., M.H.S.

(2023 Award Recipient)
Supporting Refugee Mental Health through
Translation of Evaluative Instruments and
through a Preventive Mental Health Intervention

Yale University julia.rosenberg@yale.edu

Robert G. Rosenberg, M.D.

(1970 Award Recipient)

To Establish a Self-Supporting Pediatric Service

Martha Eliot Health Center

rgrosenberg2@hotmail.com

Ted S. Rosenkrantz, M.D.

(1983 Award Recipient)

Cerebral Metabolism of Glucose and NonGlucose Substrates in the Newborn Lamb with
Polychythemia
University of Connecticut Health Center
rosenkrant@nso1.uchc.edu

N. Paul Rosman, M.D.

(1969 Award Recipient)

The Influence of Early-Life Hypothyroidism (Cretinism) on Developing Brain and Skeletal Muscle

(1974 Award Recipient)

Clinical Studies on the Fetal Alcohol Syndrome

(1976 Award Recipient)

Maternal Alcohol Intake and Fetal Development: A Laboratory Model Boston University School of Medicine

paul.rosman@bmc.org

Samuel Rowbotham, Ph.D.

(2023 Award Recipient)

Tackling pulmonary hypoplasia with genetic, epigenetic and stem cell approaches
Massachusetts General Hospital
srowbotham@mgh.harvard.edu

David W. Rowe, M.D.

(1977 Award Recipient)

Mechanisms of Growth Inhibition by
Glucocorticoids

University of Connecticut Health Center
rowe@neuron.uchc.edu

Jonelle C. Rowe, M.D.

(1979 Award Recipient)

Phosphorus Accretion in Small Premature Infants Fed Human Milk or Proprietary Formula University of Connecticut Health Center jrowe@osophs.dhhs.gov

David Rowitch, M.D., Ph.D.

(1997 Award Recipient)

Ectopic Expression of Sonic Hedgehog in the CNS of Transgenic Mice

University of California San Francisco
rowitchd@peds.uscf.edu

Paul A. Rufo, M.D., M.M.Sc.

(1997 Award Recipient)
Inhibition of Intestinal Cl-Secretion by Clotrimazole
and Related Triphenyl Derivatives
Boston Children's Hospital
paul.rufo@childrens.harvard.edu

William E. Russell, M.D.

(1985 Award Recipient)

Type Beta Transforming Growth Factor as a Physiologic Regulator of Liver Growth (1987 Award Recipient)

Transforming Growth Factor Beta (TGF-B) and Related Peptides as Physiologic Regulators of Liver Growth

Vanderbilt University Medical Center bill.russell@vanderbilt.edu

Gary J. Russell, M.D.

(1988 Award Recipient)

Biology of Mucosal Lymphocytes and Their Role in Celiac Disease

Massachusetts General Hospital grussell@partners.org

Mohsan Saeed, Ph.D.

(2020 Award Recipient)

Probing Pathomechanisms of Enterovirus D68 Infection

Boston University National Emerging Infectious Diseases Laboratories

Masaeed1@bu.edu

Myra M. Sampson, M.S.W.

(1952 Award Recipient)

The Effects of Deficiency and of Excess of Calcium Smith College

Margaret E. Samuels-Kalow, M.D.

(2021 Award Recipient)

MEDS2: Medication Education for Dosing Safety
Massachusetts General Hospital
kalow@partners.org

Ian R. Sanderson, M.D.

(1995 Award Recipient)

The Role of Dietary Constituents on the Expression of Genes in the Intestinal Epithelium that Influence Inflammation
Barts and the London School of Medicine and Dentistry

i.r.sanderson@mds.qmw.ac.uk

Alfred Sandrock, M.D., Ph.D.

(1997 Award Recipient)

Pathogenesis of Spinal Muscular Atrophy (SMA): Role of SMN Protein in Motor Neuron Survival Biogen Idec

alfred.sandrock@biogenidec.com

Kristopher A. Sarosiek, Ph.D.

(2019 Award Recipient)

Role of Apoptosis in Childhood Traumatic Brain Injuries: Blocking Cell Death to Improve

Outcomes

Harvard T.H. Chan School of Public Health sarosiek@hsph.harvard.edu

Christopher Sassetti, Ph.D.

(2007 Award Recipient)

Virulence Gene Regulation in Mycobacterium Tuberculosis

University of Massachusetts Medical School christopher.sassetti@umassmed.edu

Carol Ann Satler, M.D., Ph.D.

(1994 Award Recipient)

Genetic Analysis of New England Children at Risk for Sudden Death from Hereditary Long QT Syndrome

Indigo Pharmaceuticals

Jessica Savage, M.D.

(2014 Award Recipient)

Environmental Antimicrobial Chemicals and Allergic Disease Brigham and Women's Hospital

irsavage@partners.org

Dorothy Schafer, Ph.D.

(2016 Award Recipient)

The Function of Immune cells and Sensory Experience on Brain Circuit Development University of Massachusetts Medical School dorothy.schafer@umassmed.edu

Barry S. Schifrin, M.D.

(1973 Award Recipient)

Support Research toward Evaluating the Accuracy of Fetal Heart Rate Patterns in Predicting Subsequent Fetal and Neonatal Compromise

Beth Israel Deaconess Medical Center bpminc@aol.com

Christian Dirk Schlieker, Ph.D.

(2010 Award Recipient)
Investigating Nuclear Envelopathies from the
Perspective of Protein Quality Control
Yale University
christian.schlieker@yale.edu

Susanne Schlisio, Ph.D.

(2007 Award Recipient)

Neuronal Apoptosis by EgIN3 and the 1p36 Gene KIF1BBeta: Implication in Neuroblastoma Development Karolinska Institutet

Emmett Schmidt, M.D., Ph.D.

susanne.schlisio@licr.ki.se

(1993 Award Recipient)

Gene Therapy Using Receptor-Mediated

Endocytosis of Soluble DNA Complexes

Massachusetts General Hospital

schmidt@helix.mgh.harvard.edu

Valerie Anne Schumacher, Ph.D.

(2012 Award Recipient)

A Role for Staufen 2-Containing RNA Granules in Chronic Kidney Disease

Boston Children's Hospital

valerie.schumacher@childrens.harvard.edu

Jerrold Schwaber, Ph.D.

(1979 and 1980 Award Recipient)

Cellular Differentiation in x-linked

Agammaglobulinemia
(1981 Award Recipient)

Regulation of Immunoglobulin Secretion in

Agammaglobulinemia

Boston Children's Hospital

Robert Schwartz, M.D.

(1975 Award Recipient)
Kinetic Studies of Glucose Metabolism in Infants
with Isotopically Stable Glucose 13c

Rhode Island Hospital

Alan L. Schwartz, M.D., Ph.D.

(1982 and 1983 Award Recipient)
Structure and Function of the Human Receptor
for Asialoglycoproteins
Washington University School of Medicine in St.
Louis
schwartz@kids.wustl.edu

William J. Schwartz, M.D., Ph.D.

(1982 Award Recipient)

Canine Narcolepsy: Role of the Suprachiasmatic Nucleus

University of Massachusetts Medical School william.schwartz@umassmed.edu

A. Nicola Schweitzer, Ph.D.

(1998 Award Recipient)

Neonatal Immune Responses to Immunization: a T Cell Receptor (TCR)-Transgenic Approach
Brigham and Women's Hospital
mschweitzer@mac.com

Nevin S. Scrimshaw, M.D., Ph.D.

(1976 Award Recipient)

Nutritional Requirements of Children with
Chronic Renal Insufficiency
International Nutrition Foundation
nscrimshaw@inffoundation.org

Rose Segal, M.S.W.

(1967 Award Recipient)

Exploratory Study Concerning Behavioral
Characteristics of Abusing and Neglecting
Parents in Relation to the "Battered Child"
Phenomena
Boston University School of Social Work

Michael Segal, M.D., Ph.D.

(1995 Award Recipient)

Sodium Channel Charges in Hypoxic Seizures in Slices and Cultures

Simul Consult

2012@simulconsult.com

Stephanie Seminara, M.D.

(2002 Award Recipient)

Establishing the Genetic Basis for

Hypogonadrotropic Hypogonadism

Massachusetts General Hospital

seminara.stephanie@mgh.harvard.edu

Sarbattama Sen, M.D.

(2013 Award Recipient)

BMI-Based Prenatal Vitamins to Ameliorate
Oxidative Stress in Obese Pregnancy
Brigham and Women's Hospital
ssen2@partners.org

Boris Senior, Ph.D., FRCP

(1969 Award Recipient)
Formation of Triglycerides by the liver of
Hyperinsulinemic Obese Subjects
Tufts Medical Center
bodosen@comcast.net

Linda B. Shalon, M.D.

(1997 Award Recipient)

The Differentiation Repertoire of Pancreatic Oval
Cells

Rhode Island Hospital
Ishalon@lifespan.org

Daniel C. Shannon, M.D., M.A.

(1972 Award Recipient)

Evaluation of Intermittent Positive Pressure

Breathing Treatments in Children

Massachusetts General Hospital

dshannon@partners.org

Sichen Shao, Ph.D.

(2018 Award Recipient)

Activation of Nonsense-meditated Decay in

Genetic Diseases and Childhood Development

Harvard Medical School

Sichen shao@hms.harvard.edu

Donald L. Shapiro, M.D.

(1975 and 1976 Award Recipient)
A Study of Erythrocyte Membrane Lipids of
Premature and Abnormal Newborn Infants
Yale School of Medicine

Bennett A. Shaywitz, M.D.

(1975 Award Recipient)

Brain Catecholamines and Minimal Brain

Dysfunction

Yale School of Medicine

bennett.shaywitz@yale.edu

Qichang Shen, Ph.D.

(1994 Award Recipient)
Glutathione Peroxidase and Experimental
Diabetes
University of Massachusetts Medical School
qichang.shen@umassmed.edu

Gordon F. Sherman, Ph.D.

(1986 Award Recipient)

Mechanisms of Asymmetry in the Rat Brain:

Implications for Understanding Dyslexia

Newgrange School and Educational Outreach
Center

gsherman@thenewgrange.org

Hai Ning Shi, D.V.M., Ph.D.

(2001 Award Recipient)
The Induction of Intestinal Inflammation: Role of
Luminal Bacterial Antigen
Massachusetts General Hospital
shiha@helix.mgh.harvard.edu

Benjamin J. Shore, M.D., M.P.H.

(2015 Award Recipient)

Responsiveness of the Pediatric Evaluation of Disability Inventory Computer Adaptive Test in Children with Cerebral Palsy Boston Children's Hospital benjamin.shore@childrens.harvard.edu

Norman J. Siegel, M.D.

(1974 and 1975 Award Recipient) Studies on the Mechanisms Involved in Obstructive Nephropathy

(1976 Award Recipient)

The Recovery Process in Acute Renal Injury

Yale School of Medicine

norman.siegel@yale.edu

Michael Silverstein, M.D., M.P.H.

(2008 Award Recipient)

Empowering Low-Income Depressed Mothers with Preterm Infants: A Randomized Controlled Trial

Boston Medical Center michael.silverstein@bmc.org

Katherine Sims, M.D.

(1993 Award Recipient)

Norrie Disease Gene and Protein: Role in Congenital Blindness and Retinal Development Massachusetts General Hospital sims@helix.mgh.harvard.edu

David A. Sinclair, Ph.D.

(2000 Award Recipient)

The Role of Mobile DNA Repair Proteins and ATM in the Development of Childhood Leukemias Harvard Medical School

david sinclair@hms.harvard.edu

James Skare, Ph.D.

(1986 Award Recipient)

Localization of the Mutation Causing X-Linked
Lymphoproliferative Syndrome
Boston University School of Medicine

Margie Skeer, Sc.D.

(2015 Award Recipient)

Understanding the Protective Mechanisms of Family Dinners: Psychometric Testing and Evaluation of the Family Dinner Index
Tufts University School of Medicine margie.skeer@tufts.edu

David Skurnik, M.D., Ph.D.

(2011 Award Recipient)

Broad-Spectrum Immunoprophylaxis and Therapy for Bacterial Meningitis in Neonates
Brigham and Women's Hospital
dskurnik@rics.bwh.harvard.edu

Clement B. Sledge, M.D.

(1972 Award Recipient)

Control Mechanisms of Epiphyseal Cartilage
Growth in Children

Harvard Medical School

cbsledge@comcast.net

Eleanor H. Smith, M.D., M.P.H.

(1960 Award Recipient)

Accident Prevention Program for Children

Nashoba Associated Boards of Health

David H. Smith, M.D.

(1970 Award Recipient)

Prevention of Infections Due to the Influenza Bacillus

Boston Children's Hospital

Arnold L. Smith, M.D.

(1975 Award Recipient)

Cerebral Metabolism During Meningitis

Boston Children's Hospital

arnold.smith@sbri.org

Lois E. Smith, M.D., Ph.D.

(1984 Award Recipient)
The Role of Dopamine in Heritable Retinal
Degenerations
Boston Children's Hospital
lois.smith@childrens.harvard.edu

Gromoslaw A. Smolen, Ph.D.

(2009 Award Recipient)

Novel Regulators of Epithelial-to Mesenchymal Transition (EMT)

Massachusetts General Hospital

gsmolen@partners.org

Robert Snodgrass, M.D.

(1976 Award Recipient)

Study of Biculine Response in Experimental

Ambylopia

Boston Children's Hospital

rsnodgrass@chla.usc.edu

Evan Y. Snyder, M.D., Ph.D.

(1994 Award Recipient)

Are Immortalized Neural Progenitors a Feasible Strategy for Gene Therapy and Repair in the

Human: Groundwork Studies

The Burnham Institute

esnyder@burnham.org

Merav Socolovsky, MBBS, Ph.D.

(2004 Award Recipient)

Flow Cytometric Analysis of Erythroid

Progenitors in Vivo

University of Massachusetts Medical School

merav.socolovsky@umassmed.edu

Alexander A. Soukas, M.D., Ph.D.

(2011 Award Recipient)

Obesity and Diabetes Genetics in C. elegans and Mice

Massachusetts General Hospital

asoukas@chgr.mgh.harvard.edu

Andrea E. Spencer, M.D.

(2021 Award Recipient)

Rising Suicides in Black Children with ADHD: The

Role of Discrimination

Boston Medical Center

aspencer@luriechildrens.org

Igor Splawski, Ph.D.

(2005 Award Recipient)

Calcium Channels in Arrhythmia and Autism

Boston Children's Hospital

Igor@enders.tch.harvard.edu

Nancy Staver, M.S.W.

(1970 Award Recipient)

Seminars for Social Workers to Increase their Knowledge about Poor Inner City Children and

Their Families

Judge Baker Children's Center

Kimberly Stegmaier, M.D.

(2005 Award Recipient)

Chemical Genomic Approaches for Pediatric

Leukemia

Dana-Farber Cancer Institute

Kimberly Stegmaier@dfci.harvard.edu

Suzanne F. Steinbach, M.D.

(1987 Award Recipient)

A Molecular Genetic Study of Pseudomonas

Aeruginosa Receptor Binding in Cystic Fibrosis

Lung Infection

Boston Medical Center

steinbch@bu.edu

Jurgen Steinke, M.D.

(1965 Award Recipient)

In Support of Exploratory Research which is

Concerned with the Severe Problems of Anti-Rh Sensitization in Relation to the Problems of Infants

from Mothers with Diabetes Mellitus

Harvard Medical School

Leon Stemfel, M.D.

(1960 Award Recipient)

Funds used for a detailed examination of the causes of perinatal and infant mortality during the past decade in an effort to identify areas of

possible preventive action

Cambridge Health Department

Barbara S. Stonestreet, M.D.

(1978 and 1979 Award Recipient)
The Effects of Asphxia and Hypotension on
Physiologic and Anatomic Renal Parameters in
the Prematurely Delivered Lamb
Women & Infants Hospital of Rhode Island
bstonest@wihri.org

Robert C. Storrs, M.D.

(1963 Award Recipient)

To Help Initiate a Clinical Center to Detect,

Define and Treat Inherited Disorders

Dartmouth-Hitchcock Medical Center

Harold Stuart, M.D.

(1951 Award Recipient)
Fellowships in Maternal and Child Health
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Xiaolei Su, Ph.D.

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Mechanism of Chimeric Antigen Receptor (CAR)

Signaling

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John Sullivan, M.D.

(1978 Award Recipient)

Cell Mediated Immunity during Epstein-Barr

Virus (EBV) and Cytomegalovirus (CMV) Induced

Mononucleosis

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Kaelyn D. Sumigray, Ph.D.

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Identifying the Cell of Origin in Intestinal Cystic Fibrosis Disease

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John B. Susa, Ph.D.

(1977 Award Recipient)

A Model for Hyperinsulinemia in the Primate
(Rhesus) Fetus
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Kotaro Suzuki, M.D., Ph.D.

(1973 Award Recipient)
Study of Lung Tracheal Fluid of the Primate Fetus
toward Developing Scientific Basis for Intrauterine
Diagnosis of Fetal Lung Maturity

Beth Israel Deaconess Medical Center

H. William Taeusch, M.D.

(1974 Award Recipient)

Research toward Determining if Lung Volume or Hypoxemia is the Initiating Stimulus for Periodic Breathing and Apneic Spells in Premature Infants

(1980 Award Recipient)

Fetal Surfacant Protein in Diabetic Pregnancy
University of California, San Francisco
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Michael E. Talkowski, Ph.D.

(2013 Award Recipient)

Prospective Study of Genomic Aberrations
during Prenatal Gestation

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Norman S. Talner, M.D.

(1978 Award Recipient)
The Effect of Physical Training on Exercise
Performance in Post-Operative Patients with
Congenital Heart Disease
Duke University Medical Center
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Xin Tang, Ph.D.

(2022 Award Recipient)

Developing a broadly applicable therapeutic strategy to reverse symptoms of neurodevelopmental disorders

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James E. Teele, Ph.D.

(1968 Award Recipient)

To Assess the Management and Child Care Problems Experienced by Unwed Mothers in Order to Identify Implications for Program Planning Among Health, Welfare and Social Agencies
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Hans-Lukas Teuber, Ph.D.

(1969 Award Recipient)

Learning Disorders in Children

Massachusetts Institute of Technology

John F. Thompson, M.D.

(1987 Award Recipient)

Breastmilk-stimulated Intestinal Growth
University of Miami School of Medicine

Cheleste M. Thorpe, M.D., A.M.

(2000 Award Recipient)

Shiga Toxin Effects on Gene Regulation

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Baruch S. Ticho, M.D., Ph.D.

(1995 Award Recipient)

Transgenic Analysis of Cardiac Transcription
Factors in Zebrafish

Massachusetts General Hospital

Philip Tolzis, M.D.

(1986 Award Recipient)

Effect of Ribavirin on Macromolecular Synthesis
of Vesicular Stomatitis Virus

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Hung Ton-That, Ph.D.

(2005 Award Recipient)
Group B Streptococcal Pill: Assembly and their
Role in Neonatal Disease
University of Connecticut Health Center
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William Tse, M.D., Ph.D.

(2003 Award Recipient)

Developing Stem Cell Transplantation as a Cure of Cardiomyopathy
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Neural Markers of Chronic, Persistent Pediatric

Irritability

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(2002 Award Recipient)

Mechanisms of Glucocorticoid-Induced

Hypertrophy in the Developing Heart

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Brian S. Tseng, M.D., Ph.D.

(2008 Award Recipient)

Creatine Pathways: Novel Treatments for

Duchenne Muscular Dystrophy

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Yasuyoshi Ueki, M.D., Ph.D.

(2007 Award Recipient)
Role of SH3BP2 as a Novel Regulator of TNFalpha Production and Osteoclastogenesis
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Dale T. Umetsu, M.D., Ph.D.

(1985 Award Recipient)

Regulation of IgE Synthesis in Children

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(1993 Award Recipient)
The Role of the Peptide YY Cell in the
Differentiation of Pancreatic Islet Cells
Signature Medical Group
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Gowthaman Uthaman, Ph.D.

(2022 Award Recipient)

Understanding Neonatal Induction of Proallergic T Follicular Helper cells

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Bert L. Vallee, M.D.

(1952 Award Recipient)

Study of the Distribution and the Function of Trace Metals in Biological Systems
Brigham and Women's Hospital

Brittney Van de Water, Ph.D., APRN

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Improving Childhood Tuberculosis Treatment Outcomes and Post-TB Lung Functioning and Quality of Life in Rural South Africa Boston College

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Stephen David Van Hooser, Ph.D.

(2013 Award Recipient)

The Impact of Genes and Experience on the Development of Brain Circuits Brandeis University

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(1993 Award Recipient)

Molecular Mechanisms of Recovery from Renal Ischemia

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(1996 Award Recipient)

Regulation of Collagenase Gene by Retinoic Acid in Bone

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(2022 Award Recipient)

Spatial Mapping of Malignant Subpopulations Enabling Neuron-Glioma Circuit Interactions in DIPG

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Donata Vercelli, M.D.

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Molecular Mechanics of E-Switching in Human B Cells

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(1990 Award Recipient)

Regulation of Somatostatin Gene Transcription

by Second Messengers

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Thomas B. Waggener, Ph.D.

(1989 Award Recipient)

Program for Research Training Grant

Physio Analytics

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Richard Wagner, M.D.

(1965 Award Recipient)

Funds toward completion of a scientific biography concerning Dr. Clemens von Pirquet Floating Hospital for Children at Tufts Medical Center

Joseph Wagstaff, M.D., Ph.D.

(1992 Award Recipient)

Uniparental Disomy as a Cause of Genetic

Disorders in Children

University of Virginia School of Medicine

Kathleen E. Walsh, M.D., M.Sc.

(2009 Award Recipient)

Preventing Errors in the Home Care of Children with Cancer

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David A. Waltz, M.D.

(1994 Award Recipient)

*Urokinase: A Link to Migration*Boston Children's Hospital

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Andrew Wang, M.D., Ph.D.

(2020 Award Recipient)

Understanding the Role of Environmental Xenobiotics in Food Allergy
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Hsin-Hsiao Scott Wang, M.D., M.P.H.

(2023 Award Recipient)

Machine-learning prediction model for personalized urinary tract infection care in children

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Zhu Wang, Ph.D.

(2012 Award Recipient)

Statistical Methods for Postoperative Morbidity after Cardiac Surgery in Children
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H. Shaw Warren, M.D.

(1988 Award Recipient)

Monoclonal Antibodies Directed to Common Epitopes on Bacterial Lipopolysaccharide Massachusetts General Hospital swarren1@partners.org

John B. Watkins, M.D.

(1978 Award Recipient)

Development of Ileal Function and the Regulation of Bile Acid Metabolism in the Neonate Boston Children's Hospital

Paula I. Watnick, M.D., Ph.D.

(2001 Award Recipient)

Regulation of Biofilm Development in a Model Gram-negative Bacterium

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Steven J. Weisman, M.D.

(1984 Award Recipient)

The Functional Role of Mo1 in Granulocyte Activation: Phorbol Ester Activation and Ionic

Flux

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Mitchell Weiss, M.D., Ph.D.

(1996 Award Recipient)

Erythropoiesis in GATA-1 Gene Disrupted

Embryonic Stem Cells and Mice

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Michael J. Whalen, M.D.

(2002 Award Recipient)

Genetic Inhibition of Posttraumatic Neuronal

Cell Death in Immature Mice

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(1984 and 1985 Award Recipient)

Regulation of the Acute Phase Protein Genes
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Ruth Whittemore, M.D.

(1978 Award Recipient)

26-29 Year Follow-up of Blood Pressure

in Children

Yale School of Medicine

John A. Widness, M.D.

(1982 and 1983 Award Recipient)

Effects of Intrauterine Hypoxemia on

Erythropoietin in the Chronically Catheterized

Fetal Sheep

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Janey Wiggs, M.D., Ph.D.

(1992 Award Recipient)

Genetic Linkage Study of Autosomal Dominant

Juvenile Glaucoma

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Carol Wilkinson, M.D.

(2023 Award Recipient)
Identifying EEG-based Biomarkers of Language
Growth in Preschool-aged Children with Down
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David A. Williams, M.D.

(1985 Award Recipient)
Retroviral-mediated Gene Transfer on Gene
Sequences Useful for In Vivo Selection of
Transduced Hematopoietic Stem Cells
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Harland S. Winter, M.D.

(1980 Award Recipient)
Immune Function of the Intestinal Macrophage
in Children
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(2008 Award Recipient)

Pre-Pregnancy Obesity and the Risk of Preterm Birth and Macrosomia: A Prospective Study of African-American Women
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Joanne Wolfe, M.D., M.P.H.

(2003 Award Recipient)

The Pediatric Quality of Life and Evaluation of Symptoms Technology (PediQUEST) Study: Improving the Care for Children with Advanced Cancer
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Peter H. Wolff, M.D.

(1966 Award Recipient)

Studies to Provide a Systematic Description of MotherInfant Pairs from Birth through Six Months

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(1955 Award Recipient)
Neighborhood Clubs Research Study

Derek E. Woods, Ph.D.

(1983 Award Recipient)
The Molecular Biology of the Human Class III
Major Histocompatibility Complex Genes
Atto Bioscience, Inc.
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Ann Chen Wu, M.D., M.P.H.

(2009 Award Recipient)

Effectiveness of Pharmacogenetic Testing in Asthma

Harvard Pilgrim Health Care

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Yong Xiong, Ph.D.

(2008 Award Recipient)

Molecular Dissection of the Fanconi Anemia
Pathway of DNA Damage Repair
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Haiyan Xu, M.D., Ph.D.

(2006 Award Recipient)

The Mechanism of MAP Kinase Phosphatase 3 (MKP3) Induced Gluconeogenesis in Obesity and Diabetes

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Rong Yang, Ph.D.

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Antibiotic-Free Treatment and Prophylaxis of
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(1971 Award Recipient)

Pediatric Nurse Practitioner Program

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Martin L. Yarmush, M.D., Ph.D.

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Development of a Hepatocyte-based Artificial Liver

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Elizabeth Yen, M.D.

(2021 Award Recipient)
Salivary Transcriptomic Analysis to Understand
Sex-Dependent Inflammatory Effects of Prenatal
Opioid Exposure on the Brain Reward Signaling
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Paul M. Yen, M.D.

(1993 Award Recipient)

Mechanisms of Thyroid Hormone Action in

Growth and Development

John Hopkins Bayview Medical Center

Fay Young, M.D.

(1995 Award Recipient)

Murine Models of Normal and Abnormal

Precursor B-cell Development

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W.L. Yu, M.D.

(1966 Award Recipient)
Research to Study the R elationship of
Dehydrofolate Reductase with Normal and
Leukemic White Blood Cells in Children
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Shiaulou Yuan, Ph.D.

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Illuminating the function of polycystins as ciliary mechanotransducers in left-right axis development

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Courtney M. Yuen, Ph.D.

(2015 Award Recipient)

Efficacy and Safety of a Simplified Treatment to

Prevent Multidrug-resistant Tuberculosis in

Children

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(1999 Award Recipient)
Estrogen Regulation of Gonadotropin-Releasing
Hormone (GnRH) Gene Expression in Vitro and in
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Wyeth Research

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(1981 Award Recipient)

Molecular Cloning of Human Apolipoprotein Genes

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(1975 and 1976 Award Recipient)

Histamine Metabolism during Allergy Response

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(1994 Award Recipient)

Molecular Organization of an Imprinted Domain
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(2022 Award Recipient)
Dissecting Immune-Stromal Interactions to
Discover Novel Strategy to Modulate
Inflammation
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Ronghua ZhuGe, Ph.D.

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Local Ca2+ Signaling and Airway Hyperactivity

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(1977 Award Recipient)

Zinc Incorporation Into Neural Tissue During

Morphogenesis

Massachusetts General Hospital Lurie Center for

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Leonard I. Zon, M.D.

(1990 Award Recipient)
Regulation of the GATA Binding Transcription
Factors in Normal and Abnormal Hematopoiesis
in Children

(1990 Award Recipient)
Regulation of the major erythroid transcription factor (GF-1) in normal and abnormal hematopoiesis in children
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Postdoctoral Research Fellows

Jason Randolpha Andrews, M.D.

(2013 Fellow)

Evaluating Novel Diagnostic Strategies for Enteric Fever in Rural Nepal Massachusetts General Hospital jasonandr@gmail.com

Lisa M. Bebell, M.D.

(2017 Fellow)

HIV Infection, Antiretroviral Therapy and Placental Inflammation in Uganda: Potential Mechanisms for Poor Outcomes in HIV-Exposed Infants Massachusetts General Hospital lbebell@mgh.harvard.edu

Alan H. Beggs, Ph.D.

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Identification and Characterization of A-Actinin Genes in Nemaline Rod
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Using Kisspeptin to Interrogate the Human GnRH Neuron in vivo
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Cell Differentiation and Tissue

Formation in the Frog Tailbud

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Interplays between ADAR1 and MDA5 in the Pathogenesis of Aicardi-Goutière Syndrome

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Studies of Thiamine Transporter Gene THTR-1 Boston Children's Hospital

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Neural Mechanisms of Visual Category
Learning
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Developmental Phonological Dyslexia:
Neural Mechanisms
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Jeffrey S. Garland, M.D.

(1991 Fellow)

Do Symptoms or Treatment Modalities for Respiratory Distress Syndrome Increase the Risk of Periventricular-Ventricular Hemorrhage?

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Yan Geng, M.D., Ph.D.

(1994 Fellow)

The Regulation of Cyclin E in Relation to the Function of pRB Dana-Farber Cancer Institute yan geng@dfci.harvard.edu

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Cytomegalovirus-Specific CD8+ T Lymphocytes in Infants and Children University of Massachusetts Medical School

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(2011 Fellow)

Multisensory Integration Deficits in Autism:
Molecular Mechanisms of Postnatal
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(2009 Fellow)

Basal Ganglia-Thalamic Interactions in Behaving Songbirds during Learning Massachusetts Institute of Technology jesseg1@mit.edu

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(2012 Fellow)

Chromatin Regulatory Circuits in Mammalian Pre-implantation Development
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(1990 Fellow)

The Molecular Basis of Autosomal Recessive Polycystic Kidney Disease in the cpk Mouse and Man Boston Children's Hospital

Timothy J. Hemesath, Ph.D.

(1996 Fellow)

Microphthalmia, a Myc-Related Transcription Factor Critical in Development

Edel Maria Hyland, Ph.D.

(2011 Fellow)

Targeting Antibiotic Resistance by Defining the Molecular Basis for Segregation Dependent Plasmid Incompatibility in Bacteria Harvard University ehyland@mcb.harvard.edu

Nitya Jain, Ph.D.

(2013 Fellow)

Understanding Neonatal Immunity: The Influence of Gut Microbial Colonization on Neonatal Adaptive Immunity
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Genetic Sublineages of the Mammalian Serotonergic System National Institute of Environmental Health Sciences jensenp3@niehs.nih.gov

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Knowledge-Based Automated Detection and Classification of Growth Disorders Boston Children's Hospital isaac kohane@harvard.edu

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Studies on Regulation of Platelet-Derived Growth Factor Production by Endothelial Cells

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Dissecting Molecular Mechanisms Underlying Erythroid Progenitor BFU-E Selfrenewal

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(2009 Fellow)

Breast Milk Iodine and Perchlorate
Concentrations: Effect on Infant Thyroid
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An Analysis of Limb-type Specification and Limb Patterning in the Chick and Mouse

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(2004 Fellow)

Indomethacin Use for Closure of Patent Ductus Arteriosus in VLBW Infants: Association with Necrotizing Enterocolitis and Spontaneous Intestinal Perforation

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The Roles of the Hedgehog Pathway in Adult Muscle Stem Cells and Rhabdomyosarcoma
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(2008 Fellow)

Epigenetic Control of Virulence Gene Expression in the Malarial Parasite P. Falciparum
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Ganeshwaran H. Mochida, M.D., M.M.Sc.

(2002 Fellow)

Genetic and Clinical Analysis of Autosomal Recessive Microcephaly Massachusetts General Hospital gmochida@partners.org

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Role of Shp2 and its Binding Protein Gab2 in Leukemogenesis SUNY Upstate Medical University mohim@upstate.edu

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Circulating Mesenchymal Precursors with Fibrogenic Potential in Asthma Boston Medical Center murphj04@bu.edu

George A. O'Toole, Ph.D.

(1998 Fellow)

Genetic Analyses of Biofilm Formation by Pseudomonas aeruginosa Dartmouth-Hitchcock Medical Center george.a.otoole@dartmouth.edu

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A Role for Ephrin/EphB Signaling in Synapse Formation and Maturation Brandeis University paradis@brandeis.edu

Gulcin Pekkurnaz, Ph.D.

(2014 Fellow)

O-GlcNAcylation: A Glucose Sensing
Pathway for Mitochondria and Energy
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Miguel N. Rivera, M.D.

(2007 Fellow)

Characterization of WTX, a Novel Tumor Suppressor Frequently Inactivated in Wilms Tumor

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(2014 Fellow)

Molecular Mechanisms Underlying Beige Adipocyte Dynamics in Response to Thermal Challenges Beth Israel Deaconess Medical Center hroh@bidmc.harvard.edu

Kathleen A. Ryan, Ph.D.

(1992 Fellow)

Genetic Analysis of Lipophosphoglycan Biosynthesis in Leishmania Donovani

John Salogiannis, Ph.D

(2017 Fellow)

Boston Children's Hospital Mechanisms of Microtubule-Based Transport via Organelle Contacts john_salogiannis@hms.harvard.edu

Gerhard Schratt, Ph.D.

(2005 Fellow)

Investigating the Molecular Mechanism of BDNF-Regulated Local Dendritic Translation in Mammalian Neurons University of Marburg gerhard.schratt@staff.uni-marburg.de

Upasna Sharma, PhD

(2016 Fellow)

Epigenetic Inheritance of Paternal
Environmental Conditions
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Elenoe Smith, PhD

(2016 Fellow)

Modeling and Disrupting Non-Coding Regulatory DNA Sequences to Inform Sickle Cell Disease Therapy Boston Children's Hospital esmith@bloodgroup.tch.harvard.edu

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(2000 Fellow)

Impact of Widespread Antibiotic Use at Delivery on Newborn Outcomes Rutgers Univ. New Jersey Medical School

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Janet S. Soul, M.D., C.M., FRCPC

(2001 Fellow)

Early Detection of Brain Injury in Posthemorrhagic Hydrocephalus Boston Children's Hospital janet.soul@childrens.harvard.edu

Dan Stoleru, M.D., Ph.D.

(2008 Fellow)

Gene Replacement with Automatic and Fully-Regulated Insulin Release in Type 1 Diabetes
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Ekaterina Toropova, Ph.D.

(2012 Fellow)

Structural Basis for the Regulation of the Molecular Motor Dynein by Lis1
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Tim Van Opijnen, Ph.D.

(2010 Fellow)

Functional Organization of the

Streptococcus Pneumoniae Two

Component System Regulatory Network

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Helen J. Wing, M.D., Ph.D.

(2002 Fellow)

Regulation of the Shigella Virulence Factor IcsP

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Phillip D. Zamore, Ph.D.

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RNA-Protein Interactions in
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Institutional/Major Grant Awardees

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Role of Recurrent DNA Break Cluster
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Scott A. Armstrong, M.D., Ph.D.

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Reversing Drug Resistance in Childhood
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William Beardslee, Ph.D.

(July 1996 Award Recipient)

Clinical Initiative at Children's Hospital

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Beverly Blakeney, Ph.D.

(July 1990 Award Recipient)

Hood Center for Family Support

University of Vermont, Robert Larner,
M.D. College of Medicine

Derrick R. Cartwright

(July 2004 Award Recipient)

Endowment for Curator of Education

Michael E. Chernew, Ph.D.

(January 2011 Award Recipient)
Evaluating the Impact of Global
Payments on Pediatric Care
Harvard Medical School
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W. Carl Cooley, M.D.

(July 1995 Award Recipient)

Building New Networks of Family

Support

Dartmouth-Hitchcock Medical Center

Alan D. D'Andrea, M.D.

(July 1998 Award Recipient)

Clinical Gene Therapy Center

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William Dandridge, Ph.D.

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Jonathan M. Davis, M.D.

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ESTABLISHING RISK IN NEONATAL
ABSTINENCE SYNDROME
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Louis K. Diamond, M.D.

(July 1944 Award Recipient) The Children's Hospital Blood Disease Project

Daniel Paul Dickstein, M.D.

(January 2021 Award Recipient)

Brain/Behavior Mechanisms Of

Irritability And Suicide In Children And

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Laurie M. Douglass, M.D.

(January 2022 Award Recipient)
Beyond Watching and Waiting: A Novel
Collaboration to Prevent and Reduce the
Burden of Mental Illness in High-Risk,
Underserved Youth with Epilepsy
Boston Medical Center
laurie.douglass@bmc.org

Glyn Elwyn, M.D., Ph.D.

(January 2023 Award Recipient)

Decreasing harms and improving child
health: An intervention to reduce
inappropriate use of antipsychotics and
polypharmacy
Geisel School of Medicine at Dartmouth
glynelwyn@gmail.com

Guoping Feng, Ph.D.

(January 2018 Award Recipient)

Development of Gene Therapy Approaches
for Neurodevelopmental Disorders

Massachusetts Institute of Technology
fengg@mit.edu

Steven Freedman, M.D., Ph.D.

(January 2010 Award Recipient)

Defining the Role of Fat Maldigestion and Malabsorption in Infant Health

Beth Israel Deaconess Medical Center /

Harvard Medical School

sfreedma@bidmc.harvard.edu

Ramsay L. Fuleihan, M.D.

(July 1997 Award Recipient)

The Ontogeny of Lymphocyte Development

Northwestern University

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Ramsay L. Fuleihan, M.D.

(July 2002 Award Recipient)

The Ontogeny of Lymphocyte Development

Northwestern University

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David C. Goodman, M.D.

(January 2012 Award Recipient)
Improving Children's Health through
Restoring Pediatric Leadership in Measuring
Health System Performance
Geisel School of Medicine at Dartmouth
david.goodman@dartmouth.edu

David C. Goodman, M.D.

(January 2015 Award Recipient)

The Epidemiology and Efficiency of

Neonatal Intensive Care

Geisel School of Medicine at Dartmouth
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Paul M. Hardy, M.D.

(July 1989 Award Recipient)

Boston Higashi School/Autism Studies

Tufts Medical Center

Terrie E. Inder, M.D.

(January 2019 Award Recipient)

The Evolution and Consequences of

Perinatal Ischemic Brain Injury

Children's Hospital of Orange County

terrie.inder@choc.org

Richard Jackson, M.D.

(July 1992 Award Recipient) Hood Center for the Prevention of Childhood Diabetes

Charles A. Janeway

(July 1971 Award Recipient) First Child Health Award Boston Children's Hospital

Carla Kim, Ph.D.

(January 2019 Award Recipient)

Harnessing the Lung Microenvironment to
Fight Bronchopulmonary Dysplasia

Boston Children's Hospital

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Stella Kourembanas, M.D.

(January 2017 Award Recipient)

Preterm birth: Lung complications and stem

cells

Boston Children's Hospital

stella.kourembanas@childrens.harvard.edu

Lori Laffel, M.D., M.P.H.

(July 1995 Award Recipient)

Hood Ambulatory Care Program: A Model for Comprehensive Health Care Delivery for Youth with Diabetes Joslin Diabetes Center

(July 1999 Award Recipient)

Hood Intensive Care Project for Youth with Diabetes

Joslin Diabetes Center (January 2004 Award Recipient) The Study of Type 1 Diabetes in Very Young and Early Adolescent Pediatric Patients Joslin Diabetes Center

Amir Lahav, Sc.D.

(January 2013 Award Recipient) Can Exposure to Womb-like Maternal Sounds Enhance Cardiorespiratory Stability and Brain Development in Extremely **Premature Infants?** Brigham and Women's Hospital lahav.email@gmail.com

Jeanne Bentley Lawrence, Ph.D.

(January 2014 Award Recipient) Trisomy Silencing for Down Syndrome Translational Research and Hope for Chromosome Therapy University of Massachusetts Chan Medical School

jeanne.lawrence@umassmed.edu

Frederick Lovejoy, M.D.

(July 1993 Award Recipient) Hood Laboratory of Developmental Biology

David S. Ludwig, M.D., Ph.D.

(July 1999 Award Recipient) Dietary Glycemic Index, Obesity and **Behavior** Boston Children's Hospital david.ludwig@childrens.harvard.edu

David S. Ludwig, M.D., Ph.D.

(July 2002 Award Recipient) Novel Treatment for Pediatric Obesity Boston Children's Hospital david.ludwig@childrens.harvard.edu

Camilia Rivera Martin, M.D.

(January 2012 Award Recipient) Prevention of Disease in Premature Infants through Lipid Nutritional Strategies Weill Medical College of Cornell University cam4024@med.cornell.edu

Donald Medearis, M.D.

(July 1993 Award Recipient) Committee Focused on Vaccine Development Massachusetts General Hospital

Trudy G Morrison, Ph.D.

(January 2016 Award Recipient) Protection of Neonates from Respiratory Syncytial Virus Infection University of Massachusetts Chan Medical School

trudy.morrison@umassmed.edu

David G. Nathan, M.D.

(July 1980 Award Recipient) Harvey P. Hood IV Laboratory for Oncology Research Dana-Farber Cancer Institute david nathan@dfci.harvard.edu

Peter E. Newburger, M.D.

(July 1998 Award Recipient) Umbilical Cord Blood Stem Cell Banking and Research University of Massachusetts Chan Medical School peter.newburger@umassmed.edu

James Patrick Noonan, Ph.D.

(January 2016 Award Recipient)
Discovering Gene Regulatory Networks in
Early Human Brain Development that
Contribute to Autism Spectrum Disorder
Yale University

james.noonan@yale.edu

Perry F. Renshaw, M.D., Ph.D.

(July 1995 Award Recipient)
High Resolution Structural and Functional
Brain Magnetic Resonance Imaging in
Normal Adolescents
McLean Hospital
(July 1993 Award Recipient)
Brain Magnetic Resonance Imaging in
Adolescents with Major Depression
McLean Hospital

Joel David Richter, Ph.D.

(January 2015 Award Recipient)

Altering the Translational Landscape to

Treat the Fragile X Syndrome

University of Massachusetts Chan Medical
School

Joel.Richter@umassmed.edu

Janet S. Soul, M.D., C.M., FRCPC

(January 2010 Award Recipient)

Phase I Trial of Bumetanide to Treat

Neonatal Seizures

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Kevin Staley, M.D.

(January 2020 Award Recipient)
Invisible Brain Injury and the Origin of
Intraventricular Hemorrhage in Premature
Infants
Partners HealthCare System
staley.kevin@mgh.harvard.edu

Thomas B Waggener, Ph.D.

(July 1988 Award Recipient)

The Program for Research Training

Physio Analytics

twaggener@physioanalytics.com

Valora Washington, Ph.D.

(July 2005 Award Recipient)

Child Health Care Study

Lesley College

Lesley H. Wellman

(July 1998 Award Recipient) Strengthening Community Involvement through Educational Partnerships

Lesley H. Wellman

(July 2000 Award Recipient) Hood Museum of Art

Clifford J. Woolf, M.D., Ph.D.

(January 2014 Award Recipient)
Silencing Respiratory Sensory Fibers for
Treating Asthma
Boston Children's Hospital
clifford.woolf@childrens.harvard.edu

Deborah Yurgelun-Todd, Ph.D.

(July 1998 Award Recipient)
Neuroimaging Study
McLean Hospital
(July 2001 Award Recipient)
Affective Learning in Adolescence
McLean Hospital