Charles H. Hood Foundation

Alumni Directory
Child Health Research Award Recipients
and Hood Postdoctoral Research Fellows
1942 – 2018
The history of the Charles H. Hood Foundation reveals a century-long tradition of commitment to community and child health. Countless researchers funded by the Child Health Research Awards Program have made seminal 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 Program 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. The Child Health Program also shifted to an exclusive focus on young investigators.

Today, the Child Health Research Awards Program makes two-year grants which support hypothesis-driven clinical, basic science, public health, health services research, and epidemiology projects relevant to pediatrics. In addition, the Hood Foundation supports two basic science and/or clinical postdoctoral fellows in Massachusetts. The Foundation’s trustees have also made large grants in health policy and translational research to established New England investigators. To-date, the Foundation has distributed over $63 million to New England research institutions.

The following pages list all Child Health Award Recipients in alphabetical order with the date of their award, title of the original research project and current contact information. The last four pages (49 – 52) denote the 49 Hood Fellows, funded between 1989 and 2017. The Hood Foundation is immensely proud of its Award Recipients and values updates on their current endeavors.
Child Health Research Award Recipients

Usha Acharya, Ph.D.
(2005 Award Recipient)
Pathogenics and Suppression of Leber Congenital Amaurosis and Retinitis Pigmentosa 12 Related Retinal Degeneration
University of Massachusetts Medical School
usha.acharya@umassmed.edu

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
Benaroya Research Institute
camemiya@benaroyaresearch.org

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
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

Nancy C. Andrews, M.D., Ph.D.
(1993 Award Recipient)
Intestinal Iron Transport
Duke University School of Medicine
Nancy.Andrews@duke.edu

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

Michael Apkon, M.D., M.B.A., Ph.D.
(1997 Award Recipient)
Mechanism of Cerebral Vasoregulation by Extracellular pH
Yale School of Medicine
michael.apkon@yale.edu

June R. Aprille, Ph.D.
(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

June R. Aprille, cont.
(1990 Award Recipient)
Northeast Center for Analysis of Mitochondrial Diseases in Infants and Children
Washington and Lee University
japrille@wlu.edu

Robert J. Arceci, M.D., Ph.D.
(1986 Award Recipient)
Detection of Multidrug Resistance Gene Expression in Pediatric Malignancies
Johns Hopkins University
arcecro@jhmi.edu

Scott A. Armstrong, M.D., Ph.D.
(2003 Award Recipient)
Cooperation of MLL and FLT3 in Infant Leukemia
Memorial Sloan-Kettering Cancer Center
armstros@mskcc.org

Sudha Arunachalam, Ph.D.
(2015 Award Recipient)
Improving Child-Caregiver Interactions for Young Children with Autism
Boston University
sarunach@bu.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

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*  
Children's Hospital of Buffalo  
sbaker@upa.chob.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 Connecticut Health Center  
mballow@upa.chob.edu

Robert S. Baltimore, M.D.  
(1977 and 1978 Award Recipient)  
*Opsonic Immunity to Group B Streptococcus*  
Yale School of Medicine  
robert.baltimore@yale.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*  
Boston Children's Hospital  
bauer@bloodgroup.tch.harvard.edu

Mercedes Becerra, Sc.D.  
(2004 Award Recipient)  
*Impact of Isoniazid Prophylaxis to Prevent TB in Children*  
Harvard Medical School  
mbecerra@post.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*  
Brigham and Women's Hospital  
beier@receptor.med.harvard.edu

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*  
Children's Hospital of Philadelphia  
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*  
SUNY Stony Brook University  
sumita.bhaduri-mcintosh@stonybrook.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*  
Massachusetts General Hospital

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
Rhode Island Hospital
charlotte_boney@brown.edu

Elisa Boscolo, Ph.D.
(2012 Award Recipient)
NOTCH Signaling during Pathological Blood Vessel Formation and Maturation
Boston Children's Hospital
elisa.boscolo@childrens.harvard.edu

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
renee.boyntonjarrett@bmc.org

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
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*
Boston Children's Hospital

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-Antidiotype 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 Pathogenesis 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*
Boston Children's Hospital
bruns@enders.tch.harvard.edu

Virginia M. Burns
(1956 Award Recipient)

Jane C. Burns, M.D.
(1986 and 1987 Award Recipient)

Heather H. Burris, M.D., M.P.H.
(2013 Award Recipient)
The Epigenetics of the Cervix, Linking the Environment to Spontaneous Preterm Delivery
Beth Israel Deaconess Medical Center
heburris@bidmc.harvard.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
canalisa@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 Plate 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* 
Flower Hospital  
kathy.carlson@promedica.org

Thomas O. Carpenter, M.D.  
(1987 Award Recipient)  
*Use of 24,25(OH)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 Neuropsychopsychological 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* 
Massachusetts General Hospital  
tchang5504@aol.com

Luke Chao, Ph.D.  
(2018 Award Recipient)  
*Characterization of OPA1 membrane phenotypes in childhood blindness* 
Massachusetts General Hospital  
chao@molbio.mgh.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*  
Washington University School of Medicine  
chatila@peds.wustl.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@umassmed.edu

Dong Feng F Chen, M.D., Ph.D.  
(1999 Award Recipient)  
*Regulation of Neural Differentiation by Ccl-2*  
Schepens Eye Research Institute  
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*  
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

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@partners.org

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

Christos Cladaras, Ph.D.  
(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 Impedance by a Noninvasive Technique
Boston Children's Hospital
colan@alum.mit.edu

F. Sessions Cole, M.D.
(1981 Award Recipient)
Genetic and Developmental Regulation of Complement 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.
(2001 Award Recipient)
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 Neuregulin 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
Massachusetts General Hospital
ajdavidson@partners.org
Michael A. Davis, Sc.D.
(1972 Award Recipient)
*Evaluation of Bone-Scanning Agent (Technetium-99m Polyphosphate)*
Boston Children's Hospital
synergyltd@aol.com

(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*
Massachusetts General Hospital
pdonahoe@partners.org

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 Aeruginosa 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  
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*A Thy-1 Receptor and CNS Neurite Outgrowth*  
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*To Study the Interrelationships Between Patient Care and Professional Learning in a Large, Urban Pediatric Clinic*  
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*Pilot Study of the Use of the Visual Evoked Response in the Diagnosis of Amblyopia Ex Anopsia at an Earlier Age (Infancy) than is now Possible using Standard Techniques*  
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*Synapse Formation and Maintenance in Normal and GluRd2 Deficient Mice*  
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*Functional Characterization of an Essential Protein Kinase in the Malaria Parasite Plasmodium Falciparum*  
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*A Tissue Culture Model of Chronic Granulomatous Disease*  
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*Use of a Computer Agent to Promote and Support Breastfeeding*  
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*Assist Two New Members in the Department of Surgery to Initiate and Establish Research in Cardiovascular Fetal Physiology and Endocrinology*  
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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)*  
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*Composition and Nutritional Quality of Preterm Human Milk*  
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*Targeting Dendritic Cells to Block Allergen Sensitization in Asthma*  
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Partial Support of the Establishment of a Cystic Fibrosis Clinic  
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Grants towards Furthering the Overall Purposes and Programs of the Massachusetts Committee on Children and Youth (1959-1967)  
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Promotion of Mammalian Cardiac Regeneration through Cardiomyocyte Proliferation  
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Cloning the Gene for Congenital Fibrosis of the Extraocular Muscles  
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Molecular Cloning of an Interferon Responsive Macrophage Specific Receptor  
Abide Therapeutics

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Mechanism of Lactic Acidemia During Low Cardiac Output in Lambs: Changes with Postnatal Age  
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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  
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Upper Limb Rehabilitation Robotics for Children with Cerebral Palsy  
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The Neuropsychological Functioning of Children with Moderately Raised Lead Levels  
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Pediatric HIV-specific Immune Responses and AIDS-free Survival  
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Milk Constituents and Brain Serotonin Synthesis
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In Vivo Use of Anti-LFA-1 to Enhance Engraftment and Prevent Graft-Versus-Host Disease after Bone Marrow Transplantation
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Cottage Parents at Residential Treatment Centers for Children

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Identification of a Genetic Defect Causing Immunodeficiency, Myopathy and Ectodermal Dysplasia
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The Effect of Terbutaline Administration on Lung Function in the Fetal Rabbit Model of Respiratory Distress Syndrome
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Molecular Effects of Passive and Active Maternal Cigarette Smoking in Normal Human Newborns
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Functional Analysis of the Thiamine Transporter, SLC19A3
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Cytogenetic Analysis of Bone and Soft Tissue Tumors of Childhood
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Development of Novel Antibodies against Gram-Negative Bacteria
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The Role of Nuclear Positioning in Centronuclear Myopathies
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The Role of Repetitive Hypoxia in Premature White Matter Injury
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The Role of the Dyskerin Complex in Stem Cell-specific Transcriptional Control and the Pathogenesis of Dyskeratosis Congenita
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At the Host-Pathogen Interface: Characterization of a Candidate Mycobacterial Toxin
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Identification of the Embryonic Lymphoid Progenitors of Neonatal IL-17 Producing T Cells
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Regulation of HIV-1 Gene Expression by Ia Molecules
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Neural Pre-Markers of Developmental Dyslexia in Children prior to Reading Onset
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Identification of Protein Interactions with Human Patched
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Children in High-Deductible Health Plans: Health Care Use and Impact of Chronic Conditions
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Molecular Mechanisms of Regulation of the Human Erythrocyte Ankyrin Gene
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The Role of a Novel Pathway in Vertebrate Tendon Development
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Do Basic Unmet Material Needs and Social Safety Nets Influence Child Maltreatment Risk? A Nested Case-Control Study
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Structural Studies on Fabry Disease
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*Treatment of Acute Renal Failure*  
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*Regulation of the Human Immune Response*  
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*Dissection of Molecular Pathways Mediating Epigenetic Gene Modification*  
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*Amino Acid Metabolism in Children*  

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*Extrinsic Factors Controlling B Cell Development*  
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*Studies on Stress-Related Neonatal Hypocalcemia*  
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*Mechanism of right ventricular dysfunction due to chronic pulmonary regurgitation*  
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*Novel Mechanisms of Embryo-Protection: The Role of Adenosine Action in the Developing Heart*  
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*Tracking of Childhood Blood Pressure*  
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*Multiple-Visit Tracking of Blood Pressure from Childhood to Early Adulthood*  
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*HLA Genetics of Juvenile Arthritis*  
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*Neurofibromatosis II (NF2) Tumor Suppressor Gene Homologs in c. elegans*  
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*Neonatal E. Coli K1 Colonization and Infection: the Role of Bacterial Pili*  
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*A New Model of Intestinal Aganglionosis: Essential Role for BMP4 in Enteric Nervous System Development*  
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The Role of the Endothelial Glucocorticoid Receptor in the Development of Atherosclerosis  
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Vitamin D Screening in Adolescents  
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The Role of MicroRNAs in DiGeorge Syndrome  
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In support of a pilot demonstration concerning the effectiveness of therapeutic tutoring as an adjunct to psychotherapy of children with refractory learning disabilities  
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Identifying DNA Landmarks for Primary Hemochromatosis  
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Development of a Pilus Vaccine against Haemophilus Influenzae  
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Nutrient Sensing Pathways in Muscle Regeneration  
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Molecular Definition of Cancer Cell-of-Origin in B-ALL  
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Elucidation of Molecular Pathways and Therapeutic Developments in Nemaline Myopathy  
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In Vivo Technique for the Evaluation of Bone Mineralization Variations in Children

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Vitamin D3 Analogues as Hedgehog Pathway Inhibitors  
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Divalent Metal Excretion: Enhancement by Spironolactone  
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ApoB Domain Required for LDL Assembly and Secretion
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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
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Effect of Warfarin on Chondrogenesis
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Structural Analysis of CD40 Signaling
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A Study of the Transport of IgZ Immune Complexes into Breastmilk and the Binding and Transport of IgA Immune Complexes into the Neonatal Intestine
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Cellular Immune Responses to Vibrio Cholerae Infection
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Targeting the IFN-Gamma Signaling Pathway for the Treatment of Vitiligo
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(1956 Award Recipient)
A Group Therapy Pilot Project
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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.
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Maternally Derived Anti-Dengue Antibodies and the Risk of DHF in Infants
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In Vitro Biological Activity of Endotoxin Associated Outer Membrane Proteins
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Protein Excretion as an Indicator of Prognosis and Correlation with Therapy
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*The Role of Insulin and Insulin-Like Growth Factors in Normal and Abnormal Cell Proliferation*
Geisel Medical School at Dartmouth

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*Long Q-T Syndrome and Molecular Mechanism of a Cardiac Arrhythmia*
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*Study of the Role Played by Somatomedin in Fetal Growth and Development*
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*In Support of Experimental Studies on Idiopathic Lactic Acidosis*
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*The Impositions of Posture on Stance Equilibrium in the Spastic Quadriplegic Child*
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*Axon Guidance by Permissive and Inhibitory Molecular Gradients*
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*Localization of the Gene Defective in X-Linked Hypophosphatemic Rickets*
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*Effect of Hormones on the Development of Seizures in the Immature Brain*
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*C3b Binding Affinities of Pneumococcal Polysaccharides: a Correlate of Virulence in Childhood Pneumococcal Bacteremia*
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Completion of the Massachusetts Survey of Nursing Needs and Resources
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Signaling of Acrp30/Adiponectin and T-cadherin in Diabetes
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Studies on Human Milk and Nutritional Requirements of Lactating Human Females
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Identification of Novel Molecular Circuits in Pediatric Ulcerative Colitis
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Renal Perfusion and Function in Post-Transplant Hypertension
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Targeting Fbw7 for the Treatment of Pediatric T-cell Acute Lymphoblastic Leukemia (T-ALL)
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A Study of the Development of the Human Intestinal Barrier
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Interaction of Epstein-Barr Virus with Nuclear Matrix and Metaphase Scaffold
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Support of a Single Interagency Service for the Registration of Adoptive Children and Homes
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The Function of Nkx2-5 in Cardiac Hypertrophy and Failure
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Regulation of Liver Specific Gene Expression
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Acute and Long-Term Anti-convulsant Efficacy of Novel Excitatory Amino Antagonists in a Model of Hypoxia-Induced Neonatal Seizures
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Pathogenesis of Staphylococcus Epidermis Infections: the Roles and Mechanisms of Extracellular Bacterial Products in Evasion of Opsonophagocytic Killing
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*Epstein-Barr Virus (EBV) Associated Lymphoproliferations in Childhood AIDS*
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*A Mobile Application to Engage Families of Hospitalized Children in Safety Reporting*
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*Mouse Model of Endoplasmic Reticulum Storage Diseases*
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*Regulation of Proximal Tubule NHE3 by Phosphatases*
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*Zika Virus Alters Centrosome Architecture to Abrogate Developmental Signaling in the Brain*
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*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*
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Edwin H. Kolodny, M.D.
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*Research and Development of an Automated System for Lysosomal Enzyme Assays and the Processing of Specimens for Analysis by This Method*
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*Uncovering Molecular Targets of Histone Deacetylase Inhibitors in Cardiac Hypertrophy and Heart Failure*
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*Pilot Experiment to Provide Child Guidance Services*
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*Mechanism of STING Signaling and Auto-Activation during Pediatric Inflammatory Disease*
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*Developmental Regulation of Surfactant Reuptake by Fetal Type II Cells*
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*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*
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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
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Role of Extracellular Matrix in Maintenance of Renal Cell Volume
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A Transgenic Approach to Analyze Putative Autoantigens in Type I Diabetes
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Thy-1 and Process Regeneration by Central Mammalian Neurons
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Experimental Augmentation of Oxygen Delivery with Acute Hypoxemia
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Novel Potential Treatment for Juvenile Diabetes
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A Molecular Analysis of Cardiac Automaticity
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Fetoplacental Infections and the Regulation of Macrophage Function by Decidual Cells
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Studies on the Neuroendocrine Regulation of Obesity: a Transgenic Model of Melanin Concentrating Hormone Overexpression
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Genetic Analysis of Leukodystrophy
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Molecular Mechanisms of Small Molecule RSV Fusion Inhibitors
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Development of a Pluripotent Stem Cell-based Approach to Model DiGeorge Syndrome
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Impact of Maternal Depression on Offspring Development
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Targeting Bacterial Infections in Cystic Fibrosis by Imaging Electrical Interactions between Host Surface and a Pathogen
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Study of the Bicuculline Response in Experimental Amblyopia
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Regulation of Immunoglobulin Class Switch Recombination
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The Stenotic Trachea: a Biochemical Study of Cartilaginous and Mucosal Injury in the Human and in the Rabbit
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The Effect of Age on Outcome after Traumatic Brain Injury in Apolipoprotein E4 Carriers
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The Role of the Hedgehog Pathway in Childhood Rhabdomyosarcoma
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Detecting and Correcting Errors during Cell Division
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*Neonatal Salivary Genomic Profiles to Assess Gastrointestinal Development and Disease*
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*Specific Regulatory Effects of Gonadal Hormone on the Growth Hormone Neuroaxis*
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Thomas R. Martin, M.D.
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*Cellular Elements Responsible for Allergic Broncho-Constriction*
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*Integrating Pediatric Care Delivery in Rural Healthcare Systems*
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*Rheumatic Fever Study*

Farrah J. Mateen, M.D., Ph.D.
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*Remote Diagnosis of Pediatric Epilepsy through a Smartphone-Based EEG*
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Alan N. Mayer, M.D., Ph.D.
(2002 Award Recipient)
*Molecular Basis of Organogenesis: Isolation of Npo Associated Proteins and RNA*
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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*
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Irina Mazo, M.D., Ph.D.
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*The Immunocompetent Cell Migration to the Bone Marrow*
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*Genomic Imprinting*
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*Respiratory Syncytial Virus: Epidemiology and Immunologic Response*
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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
<table>
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<tr>
<th>Name</th>
<th>Title</th>
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<tr>
<td>David McKenney, Ph.D.</td>
<td>Immunoprophylaxis of Staphlococcus Aureus Infections in Neonates</td>
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<td>James T. McLaughlin, Ph.D.</td>
<td>In Vitro and In Vivo Models of Cushing's Disease: Calcium</td>
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<td>Katie Anne McLaughlin, Ph.D.</td>
<td>Neurobiological Mechanisms Linking Adverse Childhood Experiences to</td>
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<td>Robert H. McLean, M.D.</td>
<td>Isolation and Characterization of a C3 Activating Serum Factor and its Role in Human Glomerulonephritis</td>
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<td>James G. McNamara, M.D., M.S.</td>
<td>Analysis of T-cell Clones during Human Development</td>
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<td>Alison L. Meadows, M.D., Ph.D.</td>
<td>Novel Computational Modeling of Dynamic Afterload and Ventriculo-arterial Coupling in Coarctation of the Aorta</td>
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<td>Joan Mecsas, Ph.D.</td>
<td>Role of Yersinia Yops in Causing Diarrheal Disease</td>
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<td>Laura R. Ment, M.D.</td>
<td>Cerebral Blood Flow and Metabolism in the Beagle Puppy Model of Intraventricular Hemorrhage (IVH) (1981)</td>
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<td>Ezio Merler, Ph.D.</td>
<td>Immunoregulation by a New Physiological Suppressor Substance</td>
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<td>Simon K. Michael, M.D., Ph.D.</td>
<td>Following Cell Fate in the Living Mouse Embryo</td>
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<td>Laurie C. Miller, M.D.</td>
<td>Nutritional Evaluation of HIV-Infected Children</td>
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<td>Tracie Lee Miller, M.D.</td>
<td>Nutritional Evaluation of HIV-Infected Children</td>
</tr>
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Anthony B. Minnefor, M.D.  
(1956 Award Recipient)  
*Development of Vaccine for Human Cytomegalovirus*

(1970 Award Recipient)  
*Vaccine against Human Cytomegalovirus*  
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*B2-Adrenergic Receptor Polymorphisms Influence Desensitization*  
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*Research in Growth and Development of Teeth and Jaws*

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*The Genetic Mechanism of Hereditary Angiodema: Regulation of C1 Inhibitor Synthesis in Vitro*  
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*Acceleration of Fetal Lung Maturation by Administration of Dexamethasone and Thyrotropin-Releasing Hormone (TRH) to the Pregnant Rabbit*  
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*Ontogeny of Intestinal Taurine Transport*  
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*Validation of Disease-specific Fanconi Anemia Induced Pluripotent Stem (iPS) Cells a Tool for Studying Bone Marrow Failure and Enabling Regenerative Medicine*  
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*Genome-wide Identification of GATA3 Targets in Thymus*
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*Investigation of Functional Myogenic Progenitors from Human ES and iPS Cells for Duchenne Muscular Dystrophy*
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*Engineering Neural Stem Cells to Develop along a Cochlear Pathway*
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*Analysis of Cell-Mediated Immunity in Experimental Respiratory Syncytial Virus Infection*
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*Harnessing Residual Vocal Control in Children with Severe Speech Impairment*
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*Establishment of an Infants and Toddlers Unit in the Mental Health Intervention Program, Initiated in the Columbia Point Health Center*
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The Biochemical Defect in PiZ Alpha-1 Antitrypsin Deficiency
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Characterization and Quantitation of Low Molecular Weight Proteins in Human Pulmonary Surfactant
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Prevention of Coagulase-negative Staphylococcal Infections of Indwelling Catheters and Prosthetic Devices
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Assessment and Mechanisms of Blood Vessel Dysfunction in Critically Ill Children
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Hyperglycemia-Induced Vasculopathy in the Murine Conceptus: the Role of PECAM-1 Modulated Catenin/Cadherin Interactions during Endothelial Tube Formation
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Pulmonary Metabolic Function in the Awake Lamb: Effect of Hypoxia and Development
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Zebrafish Models of PCDH19-related Pediatric Epilepsy
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Csx and GATA4 Cardiac Transcription Factors in Myocardial Hypertrophy
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Informative Technology Linking Parents and Providers
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Homeostatic Regulation of Innate Immune Activation in Intestinal Epithelial Cells
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Calcium Channels Regulate the Formation of the Cardiac Outflow Tract from the Anterior Heart Field
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Mechanisms of Transcriptional Regulation and Genetic Recombination in Group B Strep
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Development of a Novel Skin Substitute to Promote Dermal Regeneration
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(1998 Award Recipient)
Development of a Novel Model of Intravital Microscopy to Examine Fetal Cell Migration
Merck & Company, Inc.

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(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
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(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*
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Steven Reppert, M.D.
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*Postnatal Maternal Influence on Circadian Periodicity in the Rat*
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*Inflammatory Mechanisms in Enteric Bacterial Disease*
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(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

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*

(John Raye, continued)
*Pharmacokinetics and Effects on Pregnancy in Rabbit Model*
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R. Gerald Rice, M.D., M.P.H.
(1953 Award Recipient)
*Accident Prevention among Children: a Pilot Study*

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*Family Health Clinic*
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Peter Rice, M.D.
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*Immunologic and Chemical Studies of Nontypable Haemophilus Influenzae in Children with Otitis Media*
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*Metabolic Changes during Pregnancy*
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*VIA - Overweight and at Risk (OAR)*
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*Advancing Pediatric Tympanoplasty with 3-Dimensionally Printed Eardrums*
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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*
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Leona L. Riskin, A.S.W.
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Support of a Prep Club Project which would provide opportunities for high school students from economically deprived areas to explore careers in social work
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Robert F. Ritchie, M.D.
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Automation of Multiple Plasma Protein Immunoassays for Pediatric Patients
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Stanley L. Robbins, M.D.
(1947 Award Recipient)
Study of Renal Damage in Diabetes
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Charles W. M. Roberts, M.D., Ph.D.
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Identifying Transcriptional Targets of the Snf5 Tumor Suppressor in Aggressive Pediatric Cancer
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Reginald Robinson, Ph.D.
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Support of the Program of the MA Committee on Children and Youth
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Using Mobile Health Technology to Improve the Continuum of Neonatal Care in Rural Guatemala
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Seymour L. Romney, M.D.
(1953 Award Recipient)
Pregnancy Toxemia

Fred S. Rosen, M.D.
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Prevention of Warm Hemolysis by the IgG Effector Site for the Monocyte Receptor
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Robert G. Rosenberg, M.D.
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To Establish a Self-Supporting Pediatric Service
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(1983 Award Recipient)
Cerebral Metabolism of Glucose and Non-Glucose Substrates in the Newborn Lamb with Polychythemia
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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
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David W. Rowe, M.D.
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Mechanisms of Growth Inhibition by Glucocorticoids
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Jonelle C. Rowe, M.D.  
(1979 Award Recipient)  
*Phosphorus Accretion in Small Premature Infants Fed Human Milk or Proprietary Formula*  
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David Rowitch, M.D., Ph.D.  
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*Ectopic Expression of Sonic Hedgehog in the CNS of Transgenic Mice*  
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Paul A. Rufo, M.D., M.M.Sc.  
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*Inhibition of Intestinal Cl-Secretion by Clotrimazole and Related Triphenyl Derivatives*  
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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  
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Gary J. Russell, M.D.  
(1988 Award Recipient)  
*Biology of Mucosal Lymphocytes and Their Role in Celiac Disease*  
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(1952 Award Recipient)  
*The Effects of Deficiency and of Excess of Calcium*  
Smith College

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  
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Alfred Sandrock, M.D., Ph.D.  
(1997 Award Recipient)  
*Pathogenesis of Spinal Muscular Atrophy (SMA): Role of SMN Protein in Motor Neuron Survival*  
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Christopher Sassetti, Ph.D.  
(2007 Award Recipient)  
*Virulence Gene Regulation in Mycobacterium Tuberculosis*  
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(1994 Award Recipient)  
*Genetic Analysis of New England Children at Risk for Sudden Death from Hereditary Long QT Syndrome*  
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(2014 Award Recipient)  
*Environmental Antimicrobial Chemicals and Allergic Disease*  
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Dorothy Schafer, Ph.D.  
(2016 Award Recipient)  
*The Function of Immune cells and Sensory Experience on Brain Circuit Development*  
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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*  
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*Investigating Nuclear Envelopathies from the Perspective of Protein Quality Control*  
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Susanne Schlisio, Ph.D.  
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*Neuronal Apoptosis by EgIN3 and the 1p36 Gene KIF1BBeta: Implication in Neuroblastoma Development*  
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(1993 Award Recipient)  
*Gene Therapy Using Receptor-Mediated Endocytosis of Soluble DNA Complexes*  
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*A Role for Staufen 2-Containing RNA Granules in Chronic Kidney Disease*  
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Jerrold Schwaber, Ph.D.  
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*Cellular Differentiation in x-linked Agammaglobulinemia*  
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*Regulation of Immunoglobulin Secretion in Agammaglobulinemia*  
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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*  
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William J. Schwartz, M.D., Ph.D.  
(1982 Award Recipient)  
*Canine Narcolepsy: Role of the Suprachiasmatic Nucleus*  
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A. Nicola Schweitzer, Ph.D.  
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*Neonatal Immune Responses to Immunization: a T Cell Receptor (TCR)-Transgenic Approach*  
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Nevin S. Scrimshaw, M.D., Ph.D.  
(1976 Award Recipient)  
*Nutritional Requirements of Children with Chronic Renal Insufficiency*  
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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*  
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Michael Segal, M.D., Ph.D.  
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*Sodium Channel Charges in Hypoxic Seizures in Slices and Cultures*  
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Stephanie Seminara, M.D.  
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*Establishing the Genetic Basis for Hypogonadrotropic Hypogonadism*  
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*BMI-Based Prenatal Vitamins to Ameliorate Oxidative Stress in Obese Pregnancy*  
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*Formation of Triglycerides by the liver of Hyperinsulinemic Obese Subjects*  
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*The Differentiation Repertoire of Pancreatic Oval Cells*  
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*Evaluation of Intermittent Positive Pressure Breathing Treatments in Children*  
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*Activation of Nonsense-mediated Decay in Genetic Diseases and Childhood Development*  
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*A Study of Erythrocyte Membrane Lipids of Premature and Abnormal Newborn Infants*  
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(1975 Award Recipient)  
*Brain Catecholamines and Minimal Brain Dysfunction*  
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*Glutathione Peroxidase and Experimental Diabetes*  
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*Mechanisms of Asymmetry in the Rat Brain: Implications for Understanding Dyslexia*  
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The Induction of Intestinal Inflammation: Role of Luminal Bacterial Antigen
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Responsiveness of the Pediatric Evaluation of Disability Inventory Computer Adaptive Test in Children with Cerebral Palsy
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Studies on the Mechanisms Involved in Obstructive Nephropathy
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The Recovery Process in Acute Renal Injury
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Empowering Low-Income Depressed Mothers with Preterm Infants: A Randomized Controlled Trial
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Norrie Disease Gene and Protein: Role in Congenital Blindness and Retinal Development
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The Role of Mobile DNA Repair Proteins and ATM in the Development of Childhood Leukemias
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Localization of the Mutation Causing X-Linked Lymphoproliferative Syndrome
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Understanding the Protective Mechanisms of Family Dinners: Psychometric Testing and Evaluation of the Family Dinner Index
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Broad-Spectrum Immunoprophylaxis and Therapy for Bacterial Meningitis in Neonates
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Prevention of Infections Due to the Influenza Bacillus
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Lois E. Smith, M.D., Ph.D.
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The Role of Dopamine in Heritable Retinal Degenerations
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Novel Regulators of Epithelial-to Mesenchymal Transition (EMT)
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Study of Biculine Response in Experimental Amblyopia
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Are Immortalized Neural Progenitors a Feasible Strategy for Gene Therapy and Repair in the Human: Groundwork Studies
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Flow Cytometric Analysis of Erythroid Progenitors in Vivo
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Obesity and Diabetes Genetics in C. elegans and Mice
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Calcium Channels in Arrhythmia and Autism
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Seminars for Social Workers to Increase their Knowledge about Poor Inner City Children and Their Families
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Kimberly Stegmaier, M.D.
(2005 Award Recipient)
Chemical Genomic Approaches for Pediatric Leukemia
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Suzanne F. Steinbach, M.D.
(1987 Award Recipient)
A Molecular Genetic Study of Pseudomonas Aeruginosa Receptor Binding in Cystic Fibrosis Lung Infection
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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.  
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The Effects of Asphxia and Hypotension on Physiologic and Anatomic Renal Parameters in the Prematurely Delivered Lamb  
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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

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(1951 Award Recipient)  
Fellowships in Maternal and Child Health  
Harvard School of Public Health

John Sullivan, M.D.  
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Cell Mediated Immunity during Epstein-Barr Virus (EBV) and Cytomegalovirus (CMV) Induced Mononucleosis  
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A Model for Hyperinsulinemia in the Primate (Rhesus) Fetus  
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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 Surfactant Protein in Diabetic Pregnancy  
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Michael E. Talkowski, Ph.D.  
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Prospective Study of Genomic Aberrations during Prenatal Gestation  
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The Effect of Physical Training on Exercise Performance in Post-Operative Patients with Congenital Heart Disease  
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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*  
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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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Yi-Tang Tseng, Ph.D.  
(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 TNF-alpha 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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Brent Upchurch, M.D.  
(1993 Award Recipient)  
*The Role of the Peptide YY Cell in the Differentiation of Pancreatic Islet 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*  
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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*  
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Scott K. Van Why, M.D.  
(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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Donata Vercelli, M.D.  
(1990 Award Recipient)  
*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*  
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Richard Wagner, M.D.  
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