



Charles H. Hood Foundation

Alumni Directory

**Child Health Research Award Recipients
and Hood Postdoctoral Research Fellows**

1942 – 2017

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 (48 – 51) denote the 47 Hood Fellows, funded between 1989 and 2016. 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

(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@mg.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 Bembrey
(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 Nucleated 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

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

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 Immunoglobulins (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)
Idiotypic-Antiidiotypic 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)
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
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

Ernesto Canalis, M.D.

(1978 and 1979 Award Recipient)
Effect of Serum Factors on Bone Formation
St. Francis Hospital and Medical Center
ecanalis@stfrancisicare.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 Neurophysiological 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
yeem-ying.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

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@pediatrics.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 MEK4
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

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
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
george.dragoi@yale.edu

Evan B. Dreyer, M.D., Ph.D.
(1989 Award Recipient)
A Thy-1 Receptor and CNS Neurite Outgrowth
Glaucoma Cataract Consultants
evandreyer@yahoo.com

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 Amblyopia 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
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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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(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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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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Disordered Amino Acid Metabolism in Oculocerebral Renal Syndrome of Lowe Women & Children's Hospital of Buffalo
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*Molecular Cloning of an Interferon
Responsive Macrophage Specific Receptor*
Abide Therapeutics

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(1987 Award Recipient)
*Mechanism of Lactic Acidemia During Low
Cardiac Output in Lambs: Changes with
Postnatal Age*
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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*
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*Upper Limb Rehabilitation Robotics for
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(1984 Award Recipient)
*The Neuropsychological Functioning of
Children with Moderately Raised Lead Levels*
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*Pediatric HIV-specific Immune Responses
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*Research Fellowship on "A New Method of
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Syndrome in Children (1969)*
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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
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*Cottage Parents at Residential Treatment
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Stefan Feske, M.D.
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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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Sarah Fortune, M.D.

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At the Host-Pathogen Interface: Characterization of a Candidate Mycobacterial Toxin

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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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Anorexia Nervosa
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Construction of an Emotional Development Task Test
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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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(1988 Award Recipient)
Tracking of Childhood Blood Pressure
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*Multiple-Visit Tracking of Blood Pressure
from Childhood to Early Adulthood*
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(1977 Award Recipient)
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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Allan M. Goldstein, M.D.

(2003 Award Recipient)
*A New Model of Intestinal Aganglionosis:
Essential Role for BMP4 in Enteric Nervous
System Development*
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Allan Goodman, M.D.

(1968 Award Recipient)
*Massachusetts Parents Association for the
Deaf and Hard of Hearing*
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Julie Elizabeth Goodwin, M.D.

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*The Role of the Endothelial Glucocorticoid
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(1965 Award Recipient)
*In support of a pilot demonstration
concerning the effectiveness of therapeutic
tutoring as an adjunct to psychotherapy of
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*Identifying DNA Landmarks for Primary
Hemochromatosis*
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*Development of a Pilus Vaccine against
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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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Isolation and Characterization of Stem Cells from Human Skeletal Muscle
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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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(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
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Effect of Warfarin on Chondrogenesis
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Structural Analysis of CD40 Signaling
University of Tennessee Health Science Center

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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

(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*
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Judith Hellman, M.D.

(1998 Award Recipient)
*In Vitro Biological Activity of Endotoxin
Associated Outer Membrane Proteins*
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*Endocrine Disruptors and Male Genital
Malformations*
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Prognosis and Correlation with Therapy*
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*The Role of Insulin and Insulin-Like Growth
Factors in Normal and Abnormal Cell
Proliferation*
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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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Diane Hoffman-Kim, Ph.D.

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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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Improving the Diagnostic Evaluation and Genetic Counseling of Congenitally Malformed Newborn Infants (1972) - Role of Extracellular Matrix in Limb Malformation in Mice and Humans (1975)
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Effect of Hormones on the Development of Seizures in the Immature Brain
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Hematopoiesis in Down syndrome
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Regulation of Co-Stimulatory activity by NF-kappaB
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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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Capsular Polysaccharides and Enterococcal Infections
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Signaling of Acrp30/Adiponectin and T-cadherin in Diabetes
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To Determine How Primary Medical Care is Being Delivered in a Rural Community Where No Systematic Program Exists for Reaching the Pre-School Population
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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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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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Trisomy Correction in Down's Syndrome Mouse Models
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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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Study of Nutritional Requirements in Disease
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Expression and Function of Human GM-CSF Receptor
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Studies of Parathyroid Hormone-Related Peptide and Its Receptors in Bone, Placenta and Breast Tissue
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Epstein-Barr Virus (EBV) Associated Lymphoproliferations in Childhood AIDS
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Mouse Model of Endoplasmic Reticulum Storage Diseases
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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
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Regulation of Proximal Tubule NHE3 by Phosphatases
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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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Regulation of Endothelin by Oxygen Tension
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Mechanism of STING Signaling and Auto-Activation during Pediatric Inflammatory Disease
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Transcriptional Regulation of Intestinal Differentiation
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The Molecular Basis of Kidney Development and 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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Mechanisms of Cardiomyocyte Proliferation
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Molecular and Clinical Studies on Human Chromosome 21
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Cell Cycle Regulation of Islet Growth
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Studies of the Mechanism of Heavy Chain Deletion in B Cells of 'Non-Secretory' Agammaglobulinemia
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Mosaicism in the Alpha-like Proteins of Group B Streptococcus
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Role of Alpha(v) Integrins in Establishment of Intestinal Immunity
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Targeted Disruption of the Mouse CCK-B/Gastrin Receptor
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Neurohypophyseal Response to Dehydration Stimulus during Development: Plasma and Urinary ADH (Antidiuretic Hormone)
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Regulation of mRNA Translation Initiation in Development
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The Effects of Increased Inoculum on Oral Rotavirus Vaccine Take and Immunogenicity
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Salmonella Entry into Intestinal Cells
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*The Role of Mullerian Inhibiting Substance
in Leydig Cell Growth*

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*Physical Forces in Skeletal Growth and
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(1988 Award Recipient)

Transcellular Targeting of Cholera Toxin

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p53 Regulation in Human Pluripotent Stem Cells

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*Medication Use for Behavioral Problems
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Immune Mechanisms in Atopic Dermatitis

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Immunoregulation in Kawasaki's Disease

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*Infant Feeding and Infectious Morbidity
during the First Three Months of Life*

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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*

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Genetic Studies of Mammalian Lead Absorption

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*To Train Attendants and Other Non-
Professionals 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
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Molecular Genetic Study of Congenital Hydrocephalus
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Transcriptional Mechanism of the Wnt/Beta-Catenin Signaling Pathway during Pituitary Organogenesis and Tumorigenesis
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Molecular Pathogenesis Studies of Childhood Neurological Disorders; Rett and Angelman Syndromes
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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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The Effectiveness of Community Financing Approach in Improving Child Nutrition Status in Rwanda
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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.

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Studies on the Neuroendocrine Regulation of Obesity: a Transgenic Model of Melanin Concentrating Hormone Overexpression

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Reproductive Consequences of Altered Oxytocin Expression

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Hormonal Regulation of Rat Fetal Lung Proteins

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HIV-1 Specific CTL in Pediatric Infection

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Molecular Mechanisms of Tissue Tolerance to O₂ Deprivation

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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
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*The Role of the Hedgehog Pathway in
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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
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*Cellular Elements Responsible for Allergic
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*Integrating Pediatric Care Delivery in Rural
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Rheumatic Fever Study

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*Remote Diagnosis of Pediatric Epilepsy
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*Molecular Basis of Organogenesis: Isolation
of Npo Associated Proteins and RNA*
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*Research toward Studying the Activity of
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Fluid Formation in Newborn and Developing
Animals to Help Improve the Treatment of
Hydrocephalus in Children*
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*The Immunocompetent Cell Migration to
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Pregnancy Toxemia

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*Funds to Assist the New Teaching Program in
Human Genetics to Become Soundly Established*
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*An evaluation survey of families, social and
medical agencies, and physicians with respect
to mental health programs*
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*Immunoprophylaxis of Staphylococcus
Aureus Infections in Neonates*
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*In Vitro and In Vivo Models of Cushing's
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*Neurobiological Mechanisms Linking
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*Isolation and Characterization of a C3
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Analysis of T-cell Clones during Human Development
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*Novel Computational Modeling of Dynamic
Afterload and Ventriculo-arterial Coupling in
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Joan Meccas, Ph.D.
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*Role of Yersinia Yops in Causing Diarrheal
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*Cerebral Blood Flow and Metabolism in the
Beagle Puppy Model of Intraventricular
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Fine Structure of Intraventricular Hemorrhage
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*Immunoregulation by a New Physiological
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Following Cell Fate in the Living Mouse Embryo

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Regulation of Human IL-1 and IL-1ra Gene

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Nutritional Evaluation of HIV-Infected

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Development of Vaccine for Human

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Vaccine against Human Cytomegalovirus

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Targeting NF-kappaB Signaling in a Murine

Model of Acquired Aplastic Anemia

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Host and Bacterial Factors in

Staphylococcus aureus Skin Infections in

Autosomal Dominant-Hyper IgE Syndrome

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The Effect of Anti-Sialidase Antibody in a

Murine Model of RSV Infection

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B2-Adrenergic Receptor Polymorphisms

Influence Desensitization

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Mechanisms of NF-kB and MAPK Signal

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Research in Growth and Development of

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The Genetic Mechanism of Hereditary

Angiodema: Regulation of C1 Inhibitor

Synthesis in Vitro

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Genetic Investigation of Cognitive

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Receptor-mediated Transport of

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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
Cincinnati Children's Hospital Medical Center

Lars Ulf Werner Mueller, M.D.
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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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The Function and Regulation of Corticotropin Releasing Hormone
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Noritsugu Mukai, M.D.
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For the Further Understanding, Prevention and Treatment of Retinoblastoma
Schepens Eye Research Institute

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Calcium Concentration of Milk

Thomas Scot Murray, M.D., Ph.D.
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The Role of Lactate Metabolism in Pseudomonas Aeruginosa Biofilm Formation
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Effects of Antibiotics on Surfactant Synthesis and Secretion
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Brain and Cerebrospinal Fluid Acid-Base and Electrolyte Balance in the Newborn Puppy during Hypo- and Hyponatremia
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The Role of Tachykinins in the Central Control of Sexual Maturation: Implications for the Timing of Puberty
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*Development and Pilot Testing of a
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*Biomedical Study of Young People who
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*Genetic Analysis of the Function of IgE in
Allergic Pathology*
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William Oh, M.D.
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*Clinical Studies on the Feeding of Alanine
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*Autoantigen Vaccination in Human Type 1
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*Role of Hyaluronidase in Morphogenesis
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Treatment of Serous Otitis Media
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*Genome-wide Identification of GATA3
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*Investigation of Functional Myogenic
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*Engineering Neural Stem Cells to Develop
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*Analysis of Cell-Mediated Immunity in
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*Harnessing Residual Vocal Control in
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*Establishment of an Infants and Toddlers
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*The Biochemical Defect in PiZ Alpha-1
Antitrypsin Deficiency*

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*The Biochemical Defect in Alpha-1
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*The Relationship Between Early Vascular
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*Gram-negative Bacteremia in Children with
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*Characterization and Quantitation of Low
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Fetal Insulin Secretion and Glucose Utilization

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*Pilot project in the Newton School Health
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*The Genetics of Bilateral Frontoparietal
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Prevention of Coagulase-negative Staphylococcal Infections of Indwelling Catheters and Prosthetic Devices

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

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Development of a Novel Skin Substitute to Promote Dermal Regeneration

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Csx and GATA4 Cardiac Transcription Factors in Myocardial Hypertrophy

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Read Pukkila-Worley, M.D.

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Homeostatic Regulation of Innate Immune Activation in Intestinal Epithelial Cells

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

(2004 Award Recipient)

Mechanisms of Transcriptional Regulation and Genetic Recombination in Group B Strep

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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

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Lawrence F. Quigley, D.M.D.

(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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Vijay Rathinam, Ph.D.

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Inflammatory Mechanisms in Enteric Bacterial Disease

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(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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Duncan E. Reid, M.D.

(1949 Award Recipient)

Metabolic Changes during Pregnancy
Brigham and Women's Hospital

Steven Reppert, M.D.

(1980 Award Recipient)

Postnatal Maternal Influence on Circadian Periodicity in the Rat

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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

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Peter Rice, M.D.

(1979 and 1981 Award Recipient)

Immunologic and Chemical Studies of Non-typable Haemophilus Influenzae in Children with Otitis Media

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VIA - Overweight and at Risk (OAR)

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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
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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*
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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*
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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

Peter Rohloff, M.D., Ph.D.
(January 2017 Award Recipient)
*Using Mobile Health Technology to Improve
the Continuum of Neonatal Care in Rural
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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
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Robert G. Rosenberg, M.D.
(1970 Award Recipient)
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.
(1977 Award Recipient)
*Mechanisms of Growth Inhibition by
Glucocorticoids*
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(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.
(1997 Award Recipient)
*Ectopic Expression of Sonic Hedgehog in the
CNS of Transgenic Mice*
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Paul A. Rufo, M.D., M.M.Sc.
(1997 Award Recipient)
*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*
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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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Myra M. Sampson, M.S.W.
(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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(1997 Award Recipient)
*Pathogenesis of Spinal Muscular Atrophy (SMA):
Role of SMN Protein in Motor Neuron Survival*
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Christopher Sasseti, Ph.D.
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*Virulence Gene Regulation in
Mycobacterium Tuberculosis*
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Carol Ann Satler, M.D., Ph.D.
(1994 Award Recipient)
*Genetic Analysis of New England Children at
Risk for Sudden Death from Hereditary Long
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Indigo Pharmaceuticals

Jessica Savage, M.D.
(2014 Award Recipient)
*Environmental Antimicrobial Chemicals and
Allergic Disease*
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Dorothy Schafer, Ph.D.
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The Function of Immune cells and Sensory Experience on Brain Circuit Development
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(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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Neuronal Apoptosis by EGIN3 and the 1p36 Gene KIF1BBeta: Implication in Neuroblastoma Development
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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
Boston Children's Hospital

Robert Schwartz, M.D.
(1975 Award Recipient)
Kinetic Studies of Glucose Metabolism in Infants with Isotopically Stable Glucose 13c
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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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(1976 Award Recipient)
Nutritional Requirements of Children with Chronic Renal Insufficiency
International Nutrition Foundation
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(1967 Award Recipient)

Exploratory Study Concerning Behavioral Characteristics of Abusing and Neglecting Parents in Relation to the "Battered Child" Phenomena

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(1995 Award Recipient)

Sodium Channel Charges in Hypoxic Seizures in Slices and Cultures

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Stephanie Seminara, M.D.

(2002 Award Recipient)

Establishing the Genetic Basis for Hypogonadotropic Hypogonadism

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Sarbattama Sen, M.D.

(2013 Award Recipient)

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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(1975 and 1976 Award Recipient)

A Study of Erythrocyte Membrane Lipids of Premature and Abnormal Newborn Infants

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Bennett A. Shaywitz, M.D.

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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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Norman J. Siegel, M.D.
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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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(2008 Award Recipient)
Empowering Low-Income Depressed Mothers with Preterm Infants: A Randomized Controlled Trial
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Katherine Sims, M.D.
(1993 Award Recipient)
Norrie Disease Gene and Protein: Role in Congenital Blindness and Retinal Development
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David A. Sinclair, Ph.D.
(2000 Award Recipient)
The Role of Mobile DNA Repair Proteins and ATM in the Development of Childhood Leukemias
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James Skare, Ph.D.
(1986 Award Recipient)
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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Control Mechanisms of Epiphyseal Cartilage Growth in Children
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Accident Prevention Program for Children
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Prevention of Infections Due to the Influenza Bacillus
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Cerebral Metabolism During Meningitis
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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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(2009 Award Recipient)
*Novel Regulators of Epithelial-to
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Robert Snodgrass, M.D.

(1976 Award Recipient)
*Study of Biculine Response in Experimental
Ambylopia*
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(1994 Award Recipient)
*Are Immortalized Neural Progenitors a
Feasible Strategy for Gene Therapy and
Repair in the Human: Groundwork Studies*
The Burnham Institute
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Merav Socolovsky, MBBS, Ph.D.

(2004 Award Recipient)
*Flow Cytometric Analysis of Erythroid
Progenitors in Vivo*
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Alexander A. Soukas, M.D., Ph.D.

(2011 Award Recipient)
*Obesity and Diabetes Genetics in C. elegans
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(2005 Award Recipient)
Calcium Channels in Arrhythmia and Autism
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(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*
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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.

(1978 and 1979 Award Recipient)
*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.

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To Help Initiate a Clinical Center to Detect, Define and Treat Inherited Disorders
Dartmouth-Hitchcock Medical Center

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Fellowships in Maternal and Child Health
Harvard School of Public Health

John Sullivan, M.D.

(1978 Award Recipient)

Cell Mediated Immunity during Epstein-Barr Virus (EBV) and Cytomegalovirus (CMV) Induced Mononucleosis
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John B. Susa, Ph.D.

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A Model for Hyperinsulinemia in the Primate (Rhesus) Fetus
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(1973 Award Recipient)

Study of Lung Tracheal Fluid of the Primate Fetus toward Developing Scientific Basis for Intrauterine Diagnosis of Fetal Lung Maturity
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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.

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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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(1995 Award Recipient)

Transgenic Analysis of Cardiac Transcription Factors in Zebrafish
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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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(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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Samuel Varghese, Ph.D.

(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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Menno Verhave, M.D.
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*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.
(1965 Award Recipient)
*Funds toward completion of a scientific
biography concerning Dr. Clemens von Pirquet*
Floating Hospital for Children at Tufts
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Joseph Wagstaff, M.D., Ph.D.
(1992 Award Recipient)
*Uniparental Disomy as a Cause of Genetic
Disorders in Children*
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Kathleen E. Walsh, M.D., M.Sc.
(2009 Award Recipient)
*Preventing Errors in the Home Care of
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(1994 Award Recipient)
Urokinase: A Link to Migration
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*Statistical Methods for Postoperative
Morbidity after Cardiac Surgery in Children*
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(1988 Award Recipient)
*Monoclonal Antibodies Directed to Common
Epitopes on Bacterial Lipopolysaccharide*
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John B. Watkins, M.D.
(1978 Award Recipient)
*Development of Ileal Function and the Regulation
of Bile Acid Metabolism in the Neonate*
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Paula I. Watnick, M.D., Ph.D.
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*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
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(1996 Award Recipient)
*Erythropoiesis in GATA-1 Gene Disrupted
Embryonic Stem Cells and Mice*
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(1978 Award Recipient)
*26-29 Year Follow-up of Blood Pressure
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*Effects of Intrauterine Hypoxemia on
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*Genetic Linkage Study of Autosomal
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Neural Mechanisms of Visual Category Learning

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Developmental Phonological Dyslexia: Neural Mechanisms

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

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Microphthalmia, a Myc-Related Transcription Factor Critical in Development

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Targeting Antibiotic Resistance by Defining the Molecular Basis for Segregation Dependent Plasmid Incompatibility in Bacteria

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Understanding Neonatal Immunity: The Influence of Gut Microbial Colonization on Neonatal Adaptive Immunity

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Genetic Sublineages of the Mammalian Serotonergic System

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Dissecting Molecular Mechanisms Underlying Erythroid Progenitor BFU-E Self-renewal

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Breast Milk Iodine and Perchlorate Concentrations: Effect on Infant Thyroid Function

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Epigenetic Inheritance of Paternal Environmental Conditions

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