

Innovations in Pediatric Medicine

PROGRAM • SATURDAY, NOVEMBER 8, 2008

7:15 - 7:55 AM Registration and Breakfast

Plenary I 8:00 AM - 11:45 AM

BENCH TO BEDSIDE GENETICS: A PEDIATRICIAN'S VIEWPOINT

CO-MODERATORS: Richard A. Polin, MD
Vice Chair of Clinical Operations and
Deputy Chairman Department of Pediatrics
Professor of Pediatrics
Columbia University College of
Physicians and Surgeons
Chief, Division of Neonatology
Morgan Stanley Children's Hospital
of New York-Presbyterian

Gerald M. Loughlin, MD
Pediatrician-In-Chief
Phyllis and David Komansky Center
for Children's Health
Nancy C. Paduano Professor & Chairman
Department of Pediatrics
Weill Medical College of Cornell University

8:00 - 8:45 AM *Newborn Screening for Inborn Errors of Metabolism*

Piero Rinaldo, MD, PhD
T. Denny Sanford Professor of Pediatrics
Professor of Laboratory Medicine
Co-Director, Biochemical Genetics Laboratory
Vice Chair for Academic Affairs & Intramural Practice
Department of Laboratory Medicine and Pathology
Mayo Clinic College of Medicine
Rochester, Minnesota

8:45 - 9:15 AM *Prenatal Pediatrics: How Analysis of Fetal
Nucleic Acids in Maternal Blood Provides Novel
Opportunities to Improve Newborn Care*

Diana W. Bianchi, MD
Natalie V. Zucker Professor of Pediatrics,
Obstetrics and Gynecology
Vice Chair for Research
Department of Pediatrics
Tufts University School of Medicine
Floating Hospital for Children

9:15 - 9:45 AM *Early Diagnosis of Primary Immunodeficiencies*

Jennifer M. Puck, MD
Professor of Pediatrics
Department of Pediatrics and
Institute for Human Genetics
University of California, San Francisco

- 9:45 - 10:15 AM Break
- 10:15 - 10:45 AM *Current Status of Gene Therapy in Children*
Alain Fischer MD, PhD
Professor of Pediatrics, Descartes University
Hospital Necker – Enfants Malades, Paris, France
- 10:45 - 11:15 AM *Molecular Physiology of the Control of Body Weight*
Rudolph L. Leibel, MD
Professor of Pediatrics and Medicine
Head, Division of Molecular Genetics
Columbia University College of
Physicians and Surgeons
Co-Director, Naomi Berrie Diabetes Center
Morgan Stanley Children’s Hospital
of NewYork-Presbyterian
- 11:15 - 11:45 AM Panel Discussion with Q & A
- 11:45 - 12:30 PM Lunch
- Plenary II 12:30 PM - 5:00 PM
THE FUTURE OF STEM CELL THERAPY IN CHILDREN
MODERATOR: Mitchell S. Cairo, MD
Professor, Pediatrics, Medicine & Pathology
Columbia University College of
Physicians and Surgeons
Chief, Division of Pediatric
Blood and Marrow Transplantation
Morgan Stanley Children’s Hospital
of NewYork-Presbyterian
- 12:30 - 1:15 PM *Stem Cell Therapeutics for Childhood Neurological Diseases*
Evan Snyder, MD, PhD
Professor
Director, Stem Cell and Regenerative Biology
Program and Stem Cell Research Center
Burnham Institute of Medical Research
University of California, San Diego
- 1:15 - 1:45 PM *Prenatal Stem Cell Transplantation – The Virtues of Tolerance*
Alan W. Flake, MD
Professor of Surgery and Obstetrics & Gynecology
University of Pennsylvania School of Medicine
Director, Children’s Center for Fetal Research
Children’s Hospital of Philadelphia
- 1:45 - 2:15 PM *Applying Embryonic and Cord Blood Stem Cell Research to Children*
Mervin C. Yoder, MD
Richard and Pauline Klingler Professor of Pediatrics
Professor of Biochemistry and Molecular
Biology and Cellular Integrative Physiology
Indiana University School of Medicine

- 2:15 - 2:30 PM Break
- 2:30 - 3:00 PM *Bioethical Challenges for Stem Cell Therapy in Children*
Ruth L. Fischbach, PhD, MPE
Director of the Center for Bioethics
Professor of Bioethics
Columbia University College of Physicians and Surgeons
- 3:00 - 3:30 PM *Molecular Characterization of Normal and Leukemic Stem Cells*
David A. Williams, MD
Chief, Division of Pediatric Hematology & Oncology
Director of Translational Research
Leland Fikes Professor and Chair of Pediatrics
Harvard Medical School
Children's Hospital Boston
- 3:30 - 4:00 PM Panel Discussion with Q & A
- 4:00 - 5:00 PM KEYNOTE SPEAKER – TBD
MODERATOR: Lawrence R. Stanberry, MD, PhD
Reuben S. Carpentier Professor and Chairman
Department of Pediatrics
Columbia University College of Physicians and Surgeons
Physician-In-Chief
Morgan Stanley Children's Hospital of New York-Presbyterian

PROGRAM • SUNDAY, NOVEMBER 9, 2008

- 6:30 - 6:55 AM Registration and Breakfast
- 7:00 - 8:00 AM Meet The Professors Breakfast
- Plenary III 8:15 AM - 1:00 PM
ADVANCES IN CHILDHOOD DISEASES
MODERATOR: Charles L. Schleien, MD
Senior Vice Chairman, Department of Pediatrics
Professor of Pediatrics and Anesthesiology
Columbia University College of Physicians and Surgeons
Director, Division of Pediatric Critical Care Medicine
Morgan Stanley Children's Hospital of New York-Presbyterian
- 8:15 - 9:00 AM *Advances in the Genetic Pathogenesis of Common Childhood Infectious Diseases*
Margaret K. Hostetter, MD
Jean McLean Wallace Professor and Chair
Department of Pediatrics
Physician-in-Chief
Yale-New Haven Children's Hospital

- 9:00 - 9:30 AM *Neonatal and Infant Nutrition and Iron Metabolism*
Michael K. Georgieff, MD
Professor of Pediatrics and Child Psychology
Director, Division of Neonatology and
The Institute of Child Development
University of Minnesota
- 9:30 - 10:00 AM *Care of Children and Families in the Neonatal Intensive Care Unit*
Lori Armstrong, RN
Vice President of Nursing & Patient Care Services
Morgan Stanley Children's Hospital
of NewYork-Presbyterian/Columbia University
- 10:00 - 10:30 AM Break
- 10:30 - 11:00 AM *Pediatric Disaster Medicine*
Gary R. Fleisher, MD
Egan Family Foundation Professor
Chair, Department of Medicine
Harvard Medical School
Pediatrician-In-Chief
Children's Hospital Boston
- 11:00 - 11:30 AM *Recent Advances in the Pathophysiology and Treatment of Childhood Asthma*
Robert F. Lemanske Jr., MD
Professor of Pediatrics and Medicine
Head, Division of Pediatric Allergy,
Immunology and Rheumatology
University of Wisconsin School of Medicine
and Public Health
- 11:30 - noon *Advances in Childhood Cancer: 50 Years of Progress*
Gregory H. Reaman, MD
Professor of Pediatrics
George Washington University School of
Medicine and Health Sciences
Member, Division of Hematology/Oncology
Children's National Medical Center
Chairman, Children's Oncology Group
- 12:00 - 12:30 PM *Prevention and Treatment of Sexually Transmitted Diseases in Adolescents*
Lawrence R. Stanberry, MD, PhD
Reuben S. Carpentier Professor and Chairman
Department of Pediatrics
Columbia University College of
Physicians and Surgeons
Physician-In-Chief
Morgan Stanley Children's Hospital
of NewYork-Presbyterian
- 12:30 - 1:00 PM Panel Discussion with Q & A
- 1:00 PM Closing Remarks

PROGRAM DESCRIPTION AND OBJECTIVES

This activity is designed for clinicians and allied health professionals in general pediatrics, all pediatric subspecialties, all pediatric surgical subspecialties and perinatologists who wish to enhance their knowledge of the role of genetics in childhood medical disorders, the future of stem cell therapeutics in children, and the role of medical and surgical advances in common childhood diseases. Objectives:

- Enhance the general pediatrician's understanding of the role of genetics in the molecular pathogenesis, diagnosis and potential therapy of acquired and genetic childhood medical disorders.
- Critique and discuss the benefits, risks and bioethical challenges of the future of stem cell therapeutics in children.
- Review the medical and surgical advances in the prevention, diagnosis and management of common pediatric diseases.

STATEMENT OF NEED

Over the past quarter of a century there has been a dramatic increase in the importance of genetics in the prevention, diagnosis and treatment of a large number of pediatric medical disorders and significant advances in the basic technology of genetic determinants of host and disease origin that require pediatricians to become more knowledgeable in this area of scientific advancement.

The field of stem cell biology, regenerative medicine, and stem cell therapy has advanced very quickly over the past decade making it critically important that general pediatricians and other allied health professionals involved in the care of children become familiar with these recent advances in regenerative medicine and stem cell therapy, along with understanding the bioethical challenges that will face them in the future as these therapies become more clinically available.

Bacterial and fungal infections, iron deficiency, asthma and cancer are diagnosed and managed in everyday practice by general pediatricians and allied health care professionals. Intensive care and emergency medical care are also critical components of large pediatric practices and require periodic education to keep abreast of new developments in this field.

ACCREDITATION /CREDIT DESIGNATION

The College of Physicians and Surgeons of Columbia University is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The College of Physicians and Surgeons of Columbia University designates this educational activity for a maximum of 12.75 *AMA PRA Category 1 Credits™*. Physicians should only claim credit commensurate with the extent of their participation in the activity.

DISCLOSURE STATEMENT

The College of Physicians & Surgeons must ensure balance, independence, objectivity, and scientific rigor in its educational activities. All faculty participating in this activity are required to disclose to the audience any significant financial interest and/or other relationship with the manufacturer(s) of any commercial product(s) and/or provider(s) of commercial services discussed in his/her presentation and/or the commercial contributor(s) of this activity. When unlabeled uses are discussed, these will also be indicated.

ADDITIONAL STATEMENT FOR NURSES

The American College of Nurse Practitioners (ACNP) and The American Academy of Physician Assistants (AAPA) accept AMA/PRA category 1 credit from organizations accredited by the ACCME. The American Nurses Credentialing Center (ANCC) accepts AMA/PRA category 1 credit toward recertification requirements.

Yes,

I would like to attend the conference on Innovations in Pediatric Medicine.
(please print information below clearly)

DATES/TIMES:

Saturday, November 8, 2008: 8 AM - 5 PM
(7:15 AM-7:55 AM Registration and Breakfast)

Sunday, November 9, 2008: 8:15 AM - 1 PM
(6:30 AM-6:55 AM Registration and Breakfast)

Sunday, Meet The Professors Breakfast 7:00 -8:00 AM
(limited registration. Register online only for Meet The Professors Breakfast)

FEES

EARLY BIRD

AFTER 10/01/08

- Physicians \$ 350 \$ 450
 Nurses Allied Health Professionals Trainees \$ 225 \$ 300
 NYP Employees - MSCHONV/Komansky/Columbia/Weill Cornell Complimentary
 Other \$ 225 \$ 300

LOCATION:

The Grand Hyatt • Park Avenue at
Grand Central Station in New York City

NAME _____
LAST FIRST

TUITION:

Tuition includes registration and course materials, breakfast, lunch and refreshments. Refund Policy: A handling fee of \$20 is deducted for cancellation. Refund request must be received by mail one week prior to the course. No refund will be made thereafter.

SPECIALTY/DEGREE _____

AFFILIATION _____

ADDRESS _____

TO REGISTER:

Register ONLINE at childrewnyp.org/cme
or FILL OUT and mail this registration card.

CITY _____ **STATE** _____ **ZIP** _____

FOR PAYMENT:

To pay with a credit card please register online or please make checks payable to:
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MAIL TO:

NewYork-Presbyterian Hospital
Attn: Marketing Department
333 East 38th Street, Box 51, New York, NY 10016

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FOR ADDITIONAL INFORMATION PLEASE CALL 212-585-6800 OR EMAIL medcourses@nyp.org

Innovations in Pediatric Medicine

A review of advances in genetics, stem cell therapy, infectious disease, cancer, perinatology and common childhood diseases

Saturday, November 8 and Sunday, November 9, 2008
at The Grand Hyatt New York in New York City

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(Limited registration. Register online only for Meet The Professors Breakfast)

LOCATION

The Grand Hyatt New York
Park Avenue at Grand Central Terminal
New York, New York 10017
Telephone: (212) 883-1234
Facsimile: (212) 697-3772

HOTEL ACCOMMODATION

The Grand Hyatt New York is conveniently located in midtown Manhattan. Within walking distance of Broadway Theatres, Fifth Avenue shopping, The Empire State Building, major museums and is attached to Grand Central Terminal. To reserve your room call 800-233-1234 or 212-883-1234. Refer to Morgan Stanley Children's Hospital CME.

TRAVEL

The Grand Hyatt New York is easily accessible by air or by train. "Yellow Taxi" from La Guardia Airport and JFK International Airport. Shuttle from Newark, New Jersey. "Yellow Taxi" or subway from Penn Train Station.

REGISTER ONLINE NOW! childrensnyp.org/cme

COURSE DIRECTOR

Mitchell S. Cairo, MD

Professor, Pediatrics, Medicine & Pathology

Columbia University College of Physicians and Surgeons

Chief, Division of Pediatric Blood and Marrow Transplantation

Morgan Stanley Children's Hospital of NewYork-Presbyterian

FACULTY

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Charles L. Schleien, MD

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Lawrence R. Stanberry, MD, PhD

David A. Williams, MD

Mervin C. Yoder, MD

ACKNOWLEDGMENTS

Special thanks to the members of the 2008 Morgan Stanley Children's Hospital Invitational Golf Tournament Committee, whose leadership and generous support helped make this event possible.

Additional thanks to our committee for their great efforts and tremendous support in helping make this event possible.

Karen Ali

Katherine V. Biagas, MD

Genia Billote

Mitchell Cairo, MD

Wendy Chung, MD

Alice Corbett, RN

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In Celebration of the 5th Anniversary of Morgan Stanley Children's Hospital

Innovations in Pediatric Medicine



A review of advances in genetics, stem cell therapy, infectious disease, cancer, perinatology and common childhood diseases

NATIONAL CME CONFERENCE

Saturday, November 8 and Sunday, November 9, 2008
at The Grand Hyatt New York in New York City

REGISTER ONLINE NOW! childrensnyp.org/cme

 **Morgan Stanley
Children's Hospital
of New York-Presbyterian**
Columbia University Medical Center

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and Surgeons*