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 NewYork-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
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 NewYork-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 NewYork-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.
I would like to attend the conference on Innovations in Pediatric Medicine.

For additional information please call 212-585-6800 or email medcourses@nyp.org.

333 East 38th Street, Box 51, New York, NY 10016

Attn: Marketing Department

NewYork-Presbyterian Hospital and

Innovations in Pediatric Medicine

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DATES/TIMES:

Saturday, November 8, 2008: 8 AM - 5 PM
Sunday, November 9, 2008: 8:30 AM - 5:30 PM

LOCATION:

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

TO REGISTER:

Register online at childrensnyp.org/cme or fill out and mail this registration card.

FOR PAYMENT:

To pay with a credit card please register online or please make checks payable to New York-Presbyterian Hospital and mail to:

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Tuition includes registration and course materials, breakfast, lunch, and refreshments. Refund Policy:

A handling fee of $20 is deducted for cancellation. A refund request must be received by mail one week prior to the course. No refund will be made thereafter.

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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

DATES AND 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)

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! childrensnyip.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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Evan Snyder, MD, PhD
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
Susan Craig
Wade B. Dotson
Noreen Dove, RN
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In Celebration of the 5th Anniversary of Morgan Stanley Children’s Hospital

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

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