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Nemacolin Asthma
Conference 2012
OCTOBER 26-28, 2012

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ALLEGHENY GENERAL HOSPITAL

SIXTH ANNUAL

Nemacolin Asthma Conference

An Interactive Forum on Patient Care,
Therapy and Research

Friday through Sunday, October 28-30, 2011



Sponsored by

Department of Medicine
Division of Allergy, Asthma and Immunology
Allegheny General Hospital
Pittsburgh, Pennsylvania
in cooperation with
Department of Pediatrics
West Virginia University School of Medicine
Morgantown, West Virginia

www.nemacolinasthma.org



Conference Directors

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and University of Pittsburgh School of Medicine
Pulmonary, Allergy and Critical Care Medicine
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Keynote Speaker

A. Barry Kay, MD, PhD

Emeritus Professor of Allergy and Clinical Immunology
National Heart and Lung Institute
Imperial College, South Kensington Campus
London, England

Gilbert Friday, MD Memorial Lecture Speaker

Robert P. Friday, MD, PhD

Instructor in Medicine, Harvard Medical School
Associate Director, Rheumatology Fellowship Program
Division of Rheumatology, Allergy and Immunology
Massachusetts General Hospital
Boston, Massachusetts

Philip Fireman, MD Lecture Speaker

Thomas A. E. Platts-Mills, MD

Professor of Medicine and Microbiology
Division Head, Division of Allergy and Clinical Immunology
Department of Medicine, University of Virginia Health System
Charlottesville, Virginia

Director of Conference Fellowship Program

Andrej Petrov, MD

Assistant Professor of Medicine
Medical Director of Allergy and Clinical Immunology
Associate Program Director of Allergy-Immunology Fellowship
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University of Pittsburgh School of Medicine UPMC
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Faculty

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Pittsburgh, Pennsylvania

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Director, Pediatric Environmental Medicine Center
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Pediatric Alliance, PC
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University Distinguished Health Professor
Professor of Medicine, Pediatrics and Public Health Director
Joy McCann Culverhouse Chair in Allergy and Immunology
Director, Division of Allergy and Immunology
University of South Florida College of Medicine and
James A. Haley Veterans' Hospital
Tampa, Florida

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Winston-Salem, North Carolina

Prescott Woodruff, MD, MPH

Associate Professor of Medicine
Division of Pulmonary and Critical Care Medicine
Department of Medicine and Cardiovascular Research Institute
Associate Director Airway Clinical Research Center
University of California San Francisco
San Francisco, California

Discussants

Timothy J. Craig, DO

Professor of Medicine and Pediatrics
Penn State Hershey Allergy and Immunology
Penn State Milton S. Hershey Medical Center
Hershey, Pennsylvania

Reynold A. Panettieri Jr., MD

Robert L. Mayock and David A. Cooper Professor of Medicine
Adjunct Professor of Medicine, Wistar Institute
University of Pennsylvania School of Medicine
Philadelphia, Pennsylvania

Conference Overview

Asthma is a highly prevalent chronic inflammatory disease of the respiratory tract that affects more than 300 million people worldwide. Despite significant advances in understanding the pathophysiology and treatment of asthma, morbidity has been unchanged and costs remain very high. Asthma is increasingly recognized as a complex disease with a number of clinical phenotypes in adults and children. More recent experience has been gained in the USA using allergen immunotherapy in adults and children. This conference will bring the latest developments in this rapidly changing field to health care professionals practicing, researching and teaching asthma care.

Intended Audience and Objectives

This conference is intended for primary care physicians, pediatricians, pulmonologists, allergists, physician assistants, nurse practitioners, ENTs and asthma specialists. At the conclusion, participants should have the ability to:

- provide an overview of the epidemiology, morbidity and mortality of asthma
- recognize the heterogeneity within and among asthma patients
- understand the genetic, environmental, and social factors that underlie asthma heterogeneity
- elucidate our understanding of the relative roles of respiratory syncytial virus and rhinoviruses in the development and exacerbation of asthma
- highlight the importance of allergy in asthma
- translate recent research findings into approaches to patients in clinical practice
- identify treatment approaches that individualize therapy based on heterogeneity and balance the safety and efficacy of controller therapies
- understand the impact on asthma of an immune system modulator such as allergen immunotherapy

Intended Outcome

To positively impact the morbidity and cost of asthma by providing health care practitioners with recommendations on the care of patients with asthma that are based on the most up-to-date research conducted by the world's leading asthma experts.

Accreditation

Allegheny General Hospital is accredited by the Accreditation Council for Continuing Medical education to provide continuing medical education for physicians.

Allegheny General Hospital designates this live activity for a maximum of 16.25 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

All participants will receive a certificate of attendance.

Schedule

Friday, October 28, 2011 • 6.0 AMA PRA Category 1 Credits[™]

- 10:30 a.m. **Optional Industry Lecture and Brunch**
- 11:00 a.m. Registration
V I S I T E X H I B I T S
- 11:30 a.m. Welcome Remarks
David P. Skoner, MD
- 11:45 a.m. Asthma in Pennsylvania: Epidemiology and Interventions Update
Vadim Drobin, MD, MPH
- 11:55 a.m. Update on the Association Between Childhood Asthma and Metabolic Disease
Lesley E. Cottrell, PhD
- 12:05 p.m. What's New with Steroids for Childhood Asthma?
David P. Skoner, MD
- 12:30 p.m. Discussion
- 12:50 p.m. **B R E A K / V I S I T E X H I B I T S**
- 1:10 p.m. **Fellows Abstract Presentations**
Moderator: **Andrej Petrov, MD**
- 2:10 p.m. **Gilbert Friday, MD Memorial Lecture**
Tickling the Inflammasome: Inflammation for Kids and Dads
Robert P. Friday, MD, PhD
- 2:40 p.m. Asthma: A Metabolic Syndrome
Serpil C. Erzurum, MD
- 3:00 p.m. Discussion
- 3:35 p.m. **B R E A K / V I S I T E X H I B I T S**
- 3:55 p.m. Viruses, Nerves and Airway Inflammation: A New Paradigm for the Pathogenesis of Pre-school Wheeze and Asthma
Giovanni Piedimonte, MD
- 4:25 p.m. Impact of Lifestyle Factors on Expression of Asthma
Deborah Gentile, MD
- 4:55 p.m. Discussion
- 5:25 p.m. **Medical Survivor: Pediatric Case Studies**
Moderator: **David P. Skoner, MD**
- 6:15 p.m. **A D J O U R N M E N T**
- Saturday, October 29, 2011 • 6.25 AMA PRA Category 1 Credits[™]**
- 6:30 a.m. **Optional Industry Lecture and Breakfast**
- 7:00 a.m. Registration
V I S I T E X H I B I T S
- 7:45 a.m. Opening Remarks and Introductions
David P. Skoner, MD
Giovanni Piedimonte, MD
- 8:00 a.m. A Patient's Perspective on Asthma
Lynn Bell, Esquire
- 8:15 a.m. Molecular Phenotyping of Asthma
Prescott Woodruff, MD, PhD

Schedule (continued)

- 8:45 a.m. **Keynote Lecture**
Provoked Asthma
A. Barry Kay, MD, PhD
- 9:30 a.m. Discussion
- 10:00 a.m. **B R E A K / V I S I T E X H I B I T S**
- 10:20 a.m. **Philip Fireman, MD Lecture**
IgE Antibodies to Alpha-gal: Epidemic Anaphylaxis, But No Risk of Asthma
Thomas A. E. Platts-Mills, MD
- 11:00 a.m. New Advances in Sublingual Immunotherapy: Findings from U.S. and European Clinical Trials
Peter Socrates Creticos, MD
- 11:30 a.m. Discussion
- 11:50 a.m. **B R E A K**
(Pick up boxed lunch and return to meeting room)
- Noon **L U N C H / L E C T U R E**
Pro/Con Debate: Allergen Immunotherapy Benefits Asthma
Richard F. Lockey, MD (Pro)
Stephen Peters, MD, PhD (Con)
Moderator: **Giovanni Piedimonte, MD**
- 1:00 p.m. **Medical Survivor: Adult Case Studies**
Moderator: **David P. Skoner, MD**
- 1:45 p.m. Closing Remarks
- 2:00 p.m. **A D J O U R N M E N T**
- Sunday, October 30, 2011 • 4.0 AMA PRA Category 1 Credits™**
- 6:45 a.m. **Optional Industry Lecture and Breakfast**
- 7:30 a.m. Registration
V I S I T E X H I B I T S
- 8:00 a.m. Opening Remarks
Deborah Gentile, MD
- 8:10 a.m. Asthma and Co-Morbid Conditions
Richard F. Lockey, MD
- 8:40 a.m. Vitamin D and Asthma
Juan C. Celedon, MD, Dr.PH
- 9:10 a.m. Discussion
- 9:40 a.m. **B R E A K**
- 10:00 a.m. The Epithelium in Asthma: Key Player in Pathogenesis
Sally E. Wenzel, MD
- 10:30 a.m. Discussion
- 10:45 a.m. Pro/Con Debate: Allergen Environmental Control Benefits Asthma
Thomas A. E. Platts-Mills, MD (Pro)
Peter Socrates Creticos, MD (Con)
Moderator: **Sally E. Wenzel, MD**
- 11:45 a.m. Closing Remarks
Philip Fireman, MD
Deborah Gentile, MD
- Noon **A D J O U R N M E N T**

Location, Directions and Accommodations

Nemacolin Woodlands Conference Center **Farmington, Pennsylvania**

For directions to Nemacolin Woodlands, please visit their Web site at www.nemacolin.com.

A block of rooms has been reserved at Nemacolin Woodlands at the special conference rate of \$139.00 + tax single/double occupancy for lodge room and \$189.00 + tax single/double for chateau room. There is no additional charge for children seventeen (17) years of age and under when sharing the same room as the parents and using existing bedding.

A resort fee of \$15.00 per room/per night will also apply. This fee includes valet parking, on-property shuttle service, fitness center access (not inclusive of wet areas) wireless internet, local and toll free calls, pool access, in-room coffee, newspaper, art tours, tennis, hiking, trail access and Marina access.

In addition, Nemacolin Woodlands is pleased to offer the following:

- 15% discount on merchandise purchases in the Nemacolin Retail Shoppes
- 10% discount on all resort activities including golf, spa and shooting, excluding the Wild Side.

Reservations may be made by calling **1 (800) 422-2736** or **(724) 329-8555** (ask for reservations). Please be sure to mention you are with the Allegheny General Hospital Asthma Conference to take advantage of the special conference room rate. The room block is limited; therefore, make reservations as soon as possible! The deadline for making reservations at the above rates is October 12, 2011. After this date, reservations will be accepted on space availability and at the prevailing rate.

Activities

Nemacolin Asthma Conference Dinner **Saturday Evening, 7:00-10:00 p.m.**

Please join us for an opportunity to meet with fellow registrants, faculty and guests. We promise you a fun-filled evening.

Cost per conference registrant is \$25.00 per person; cost per guest is \$25.00 per person. There is also special pricing for children ages 5-11 years of \$15.00 per child. Please RSVP on the registration form. Tickets will be with your registration packet.

Additional Information

For additional information, contact the Continuing Medical Education office by calling (412) 359-4952 or by e-mail: rnewman@wpahs.org.

Please visit the *Nemacolin Asthma Conference* Web site at www.nemacolinasthma.org for conference updates.

Refund Policy

A refund of the registration fee, less a \$75 processing fee, will be made when a written request or a telephone request followed by a written confirmation is received prior to **October 1, 2011**. After this date, refunds will not be made. Fees will not be refunded for failure to attend.

Allegheny General Hospital reserves the right to cancel or postpone any conference because of unforeseen circumstances or insufficient enrollment. In the event of such cancellation, full tuition will be refunded.

Registration Information

The registration fee includes course materials, lunch and break refreshments.

Fee: \$250 Physicians
\$175 Residents*, Fellows*, Nurses and Other Health Care Professionals
(* **must include verification letter from Chief of Service**)

Deadline: **October 14, 2011**
(After this date, registrations will be taken on a space available basis.)

To Register: Telephone registrations are not accepted. To register online or to download a brochure please visit www.aghcme.org; select *Course Schedule* from the left menu and scroll down to locate the conference. To mail or fax your registration, please complete the registration form and return it with the registration fee to:

Continuing Medical Education
Allegheny General Hospital
320 East North Avenue
Pittsburgh, Pennsylvania 15212-4772
(412) 359-4952
(412) 359-8218 Fax

The preferred method of payment is VISA, MasterCard, American Express or Discover; however, checks will be accepted made payable to **Allegheny General Hospital**.

In accordance with the Accreditation Council for Continuing Medical Education (ACCME) and the policy of Allegheny General Hospital, presenters must disclose all relevant financial relationships, which in the context of their presentation(s), could be perceived as a real or apparent conflict of interest, (e.g., ownership of stock, honoraria or consulting fees). Any identifiable conflicts will be resolved prior to the activity. Any such relationships will be disclosed to the learner prior to the presentation(s).

Nemacolin Asthma Conference

Friday through Sunday, October 28-30, 2011

Please indicate: ___ # adults attending Saturday buffet dinner @ \$25.00
___ # children ages 5-11 years attending Saturday buffet dinner @ \$15.00

Name _____
(print name and degree, if applicable, as you wish it to appear on badge)

Specialty _____
(for accreditation purposes)

Occupation _____

Hospital or Organization _____

Home or Business Address (including department):
(where you prefer mail to be sent)

City _____ State _____ Zip _____

Day Telephone (_____) _____

FAX# (_____) _____

E-mail _____

Method of Payment: Credit Card Check

Total Amount \$ _____

Credit Card: VISA American Express
 MasterCard Discover

Card # _____ Exp. Date _____

Name as it appears on card _____

Signature _____

If you require assistance with hearing, vision or mobility to make this conference accessible to you, please check this box and contact the CME office at (412) 359-4952 two weeks prior to the conference date.