

22nd Update

**Frontiers in Research
and
Clinical Management of
Asthma and Allergy**

From Bench to Bedside

**Friday
June 11, 2010**

**Johns Hopkins
Asthma and Allergy Center
at**

**Johns Hopkins Bayview
Medical Center
Baltimore, Maryland**



JOHNS HOPKINS
MEDICINE
CONTINUING MEDICAL EDUCATION

Presented by
Johns Hopkins University School of Medicine
Division of Allergy and Clinical Immunology

Description

Allergic respiratory diseases have experienced an increased incidence and prevalence over the past decade. Allergic rhinitis now affects 60 million people in the U.S. and asthma, principally defined to be allergic in the majority of patients, is a burden to 24 million people. Allergic rhinitis and asthma represent a major socioeconomic burden to our society, incurring combined direct costs of \$16 billion and an additional \$10-12 billion in indirect costs. The recent update of the guidelines from the NHLBI, through the National Asthma Education and Prevention Program for the diagnosis and management of asthma, has been widely disseminated and publicized but still has not been effectively implemented in many health care settings across the country. This year's program will focus on state-of-the-art advances in molecular biology of allergic disease, constructs, including TLR constructs, sublingual immunotherapy, and discussion of rational pharmacotherapy with an emphasis on newly approved therapeutic agents. The conference will take a penetrating look at research on clinical applications for the management of asthma and allergic disease. There will also be roundtable luncheon for faculty and participants to discuss individual cases and clinical problems.

Who Should Attend

This activity is intended for allergists, pulmonologists, otolaryngologists, internists, pediatricians, family practitioners and other physicians actively engaged in the clinical management and in research of asthma and allergic diseases. The target audience will also include nurses, allied health professionals, clinical research personnel and representatives of the pharmaceutical community.

Objectives

After attending this activity, the participant will demonstrate the ability to:

- * Recognize state-of-the-art advances in the molecular biology of allergic disease
- * Discuss rational therapeutic decisions in the management of allergy, rhinitis, respiratory disease and asthma
- * Apply new therapeutic approaches/diagnosis for allergic disease

Accreditation Statement

The Johns Hopkins University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Credit Designation Statement

The Johns Hopkins University School of Medicine designates this educational activity for a maximum of 9.25 *AMA PRA Category 1 Credit*[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity.

NURSING CREDITS

ANCC: American Nurses Credentialing Center (ANCC) accepts *AMA PRA Category 1 Credit*[™] from organizations accredited by the ACCME.

AANP: American Academy of Nurse Practitioners (AANP) accepts *AMA PRA Category 1 Credit*[™] from organizations accredited by the ACCME.

OTHER CREDIT

American Academy of Physician Assistants (AAPA)

American Academy of Physician Assistants (AAPA) accepts certificates of participation for educational activities certified for *AMA PRA Category 1 Credit*[™] from organizations accredited by the ACCME.

Policy on Speaker and Provider Disclosure

It is the policy of the Johns Hopkins University School of Medicine that the speaker and provider disclose real or apparent conflicts of interest relating to the topics of this educational activity, and also disclose discussions of unlabeled/unapproved uses of drugs or devices during their presentation(s). The Johns Hopkins University School of Medicine OCME has established policies in place that will identify and resolve all conflicts of interest prior to this educational activity. Detailed disclosure will be made in the activity handout materials.

General Information

Registration

Friday, June 11, 2010 ❖ 7:30 am – 8:15 am

Location

Johns Hopkins Asthma and Allergy Center at
Johns Hopkins Bayview Medical Center
5501 Bayview Circle
Baltimore, MD 21224

Directions and campus parking information for the Asthma and Allergy Center at Johns Hopkins Bayview Medical Center are available on our website under the contact and travel section at www.HopkinsCME.edu. *The Asthma and Allergy Center is smoke-free.*

Fees

REGISTRATION CUT-OFF DATE - June 6, 2010

Methods of Payment: Payment by check or credit card must accompany the registration form prior to the activity. On-site payments by credit card only. Foreign payments must be by credit card or with a U.S. Dollar World Money Order. The registration fee includes instructional materials, continental breakfast, refreshment breaks and lunch.

Physicians	\$ 250
Residents*/Fellows*/Nurses/Nurse Practitioners/ Physicians Assistants/Allied Health Professionals	\$ 150
*with verification of status	

You will receive a confirmation by e-mail if you have provided your e-mail address. Otherwise confirmation will be sent by mail. If you have not received it by June 6, 2010, call (410) 502-9634 to confirm that you are registered. Certificates of attendance will be mailed by July 28, 2010.

The Johns Hopkins University reserves the right to cancel or postpone any activity due to unforeseen circumstances. In this event, the University will refund the registration fee but is not responsible for travel expenses. Additionally, we reserve the right to change the venue to a comparable venue. Under such circumstances registrants will be notified as soon as possible.

Late Fee and Refund Policy

A \$50 late fee applies to registrations received after 5:00 p.m. EST on June 6, 2010. A handling fee of \$50 will be deducted for cancellation. Refund requests must be received by fax or mail by June 6, 2010. No refunds will be made thereafter. Transfer of registration to another Johns Hopkins conference in lieu of cancellation is not possible.

Hotel and Travel Information

Refer to CME website for list of area hotels at www.hopkinsCME.edu
Call United Airlines at (800) 521-4041 for discounted rates and refer to Meeting ID Number 549TJ. Mileage Plus® miles are available.

Activity Evaluation

An activity evaluation form will be available to attendees to evaluate each session and each speaker's presentation, as well as to identify future educational needs.

Outcomes Survey

An outcomes survey will be sent to all physician attendees within three months post activity to assist us in determining what impact this activity had on the attendee's practice.

Emergency Calls

On the day of this activity only, Friday, June 11, 2010, direct emergency calls to the Hopkins registration desk, (410) 550-2424. Messages will be posted for participants.

Americans with Disabilities Act

The Johns Hopkins University School of Medicine fully complies with the legal requirements of the ADA and the rules and regulations thereof. *Please notify us if you have any special needs.*

TO REGISTER or FOR FURTHER INFORMATION

Register online	www.HopkinsCME.edu
Register by Phone (credit card only)	(410) 502-9634
Register by Fax	(866) 510-7088
Confirmation/Certificates	(410) 502-9634
General Information	(410) 955-2959
E-mail the Office of CME	cmenet@jhmi.edu
Sponsoring Division Website:	www.hopkinsmedicine.org/allergy/

For general information, the direct link for this CME activity web page is: <http://HopkinsCME.edu/CourseDetail.aspx/80021870>

ACKNOWLEDGEMENT

Applications for commercial support from health care related industries are pending. A complete list of contributors will be provided in the syllabus.

Program

Morning

- 7:30 - 8:15 Registration and Continental Breakfast
8:15 - 8:30 Conference Goals and Welcome
Peter Creticos, MD and Sarbjit Saini, MD

Mini-Symposium I: Airway Inflammation and Its Regulation

Chairman: Bruce Bochner, MD

- 8:30 - 9:15 **Airway Inflammation Overview**
Larry Borish, MD
9:15 - 10:00 **Targeted Suppression of Allergic Responses**
Rudolf Valenta, MD
10:00 - 10:15 **Discussion**
10:15 - 10:45 Refreshment Break
10:45 - 11:15 **Role of Dendritic Cells in the Innate and Adaptive Immune Response**
John Schroeder, PhD
11:15 - 11:45 **Effect of Immune Modulators on Surface Activation Markers in Allergic Inflammation (sIgE/FCeR1/cytokines)**
Sarbjit Saini, MD
11:45 - 12:15 **Effects of Immunotherapy on Early and Late Phase Clinical Biomarkers**
N. Franklin Adkinson, MD
12:15 - 1:30 **Luncheon and Roundtable Discussions**

Afternoon

Mini-Symposium II: Progress in the Development of Therapeutic Agents for Allergic Disease

Chairman: Peter Creticos, MD

- 1:45 - 2:15 **Peptide Immunotherapy**
Philip Norman, MD
2:15 - 2:45 **TLR Constructs**
Peter Creticos, MD
2:45 - 3:15 **Recombinant Allergen Approaches**
Rudolf Valenta, MD
3:15 - 3:45 **Biologics**
Bruce Bochner, MD
3:45 - 4:00 Refreshment Break

Mini-Symposium III: Progress in the Development of Therapeutic Agents for Allergic Disease

Chairman: Philip Norman, MD

- 4:00 - 4:30 **Sublingual Immunotherapy**
Peter Creticos, MD
4:30 - 5:00 **Can Immunotherapy Lead to Meaningful Disease Modification?**
N. Franklin Adkinson, MD
5:00 - 5:30 **Anti-IgE Therapy: Beyond Allergic Asthma**
Sarbjit Saini, MD
5:30 - 6:00 **Adverse Reactions to Biologics**
Susan Limb, MD
6:00 - 6:15 **Where Do We Go From Here?**
Philip Norman, MD
6:15 - 6:30 **Closing Remarks**
Sarbjit Saini, MD and Peter Creticos, MD
6:30 Adjourn - Please complete and return the Evaluation and Credit Report Forms.

The Johns Hopkins University School of Medicine takes responsibility for the content, quality and scientific integrity of this CME activity.

This schedule is subject to change.

Speakers

Co-Course Directors

Peter Creticos, MD

Associate Professor of Medicine
Johns Hopkins Asthma and Allergy Center

Sarbjit Saini, MD

Associate Professor of Medicine
Johns Hopkins Asthma and Allergy Center

Johns Hopkins Speakers

N. Franklin Adkinson, MD

Professor of Medicine
Johns Hopkins Asthma and Allergy Center

Bruce Bochner, MD

Professor of Medicine
Chief, Division of Allergy and Clinical Immunology
Johns Hopkins Asthma and Allergy Center

Susan Limb, MD

Assistant Professor of Medicine
Johns Hopkins Asthma and Allergy Center

Philip Norman, MD

Professor of Medicine
Johns Hopkins Asthma and Allergy Center

John Schroeder, PhD

Associate Professor of Medicine
Johns Hopkins Asthma and Allergy Center

Guest Speakers

Larry Borish, MD

Professor of Medicine
University of Virginia Health System
Charlottesville, Virginia

Rudolf Valenta, MD

Professor of Medicine
Center for Physiology, Pathophysiology and Immunology
Institute of Pathophysiology
Medical University of Vienna
Vienna, Austria

REGISTRATION FORM

Activity Number 80021870

22nd Update Frontiers in Research and Clinical Management of Asthma and Allergy: From Bench to Bedside

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To Register: Online: www.HopkinsCME.edu By fax: (866) 510-7088
By phone (credit card only): (410) 502-9634

Or mail this form to The Johns Hopkins University, Office of Continuing
Medical Education, P.O. Box 64128, Baltimore, Maryland 21264-4128.
Include check payable to **HOPKINS/80021870**, or include credit card
information below.

PAYMENT MUST ACCOMPANY FORM TO CONFIRM YOUR REGISTRATION.
Please type or print clearly:

last name first name middle initial

primary degree (for name badge) primary specialty

preferred mailing address

city state ZIP + 4 code country

daytime telephone fax number

e-mail: _____

You will receive confirmation notice by e-mail if you provide your
e-mail address.

Check here if you wish to receive e-mail and/or fax notices about
upcoming CME activities.

What do you hope to learn by attending this activity?

Please notify us if you have any special needs.

Registration Fees:

- Physicians..... \$250
 Residents*/Fellows*/Nurses/Nurse Practitioners/
Physicians Assistants/Allied Health Professionals..... \$150
**with verification of status*

For registrations received after 5:00 p.m. EST on June 6, 2010, include a
\$50 late fee. On-site registrations are payable only by credit card.

Total amount enclosed \$ _____.

Payment Type:

JHU Faculty/Staff Only: Complete registration form and return with
appropriate form below to OCME, Turner 20.

Internal Order Number: The ION Data Request Form, can be found
online at <http://www.hopkinscme.edu/pdfs/IonRequest.pdf>.

Tuition Remission: To apply for TR, go to [http://benefits.jhu.edu/
documents/trffacandstaff.pdf](http://benefits.jhu.edu/documents/trffacandstaff.pdf)

This is a non-credit professional development activity.

Check (See instructions on top of form.)

Credit Card: VISA MASTERCARD DISCOVER AMEX

Card # _____ - _____ - _____ - _____ Exp. Date _____

Name as it appears on card _____
Please print clearly

Signature _____ Date _____