STATEMENT OF NEED

Vaccines are one of the greatest success stories in public health. However, challenges remain. Many vaccine-preventable diseases have been poorly controlled, especially those that affect adolescents and adults. Improving protection with these vaccines will require greater efforts by the health care community to provide vaccines at every opportunity and to educate patients about vaccines.

New vaccines and special vaccines for international travel offer the promise of preventing ever-greater infectious disease burdens. Incorporating them into clinical practice, however, requires an understanding of their indications, contraindications, safety profiles, and how best they fit within current immunization schedules.

The critical interface between vaccine development and successful disease prevention is the primary care provider: the pediatrician, family physician, internist, nurse practitioner, and other health care providers on whom patients rely for advice. This course is designed to provide a comprehensive background in vaccinology for the practicing clinician.

COURSE OVERVIEW

This course focuses on new developments and issues related to the use of vaccines. Expert faculty will provide the latest information on both current and prospective vaccines through lectures and interactive case presentations. Leading infectious disease experts, pediatricians, and researchers will present newly available vaccines and vaccines in the pipeline, as well as older vaccines whose continued administration is essential to improving disease prevention efforts.

This course is specifically designed for physicians, nurses, physician assistants, pharmacists, vaccine program administrators, and other health professionals involved with or interested in the clinical use of vaccines. It will also be of interest to health care professionals involved in the prevention and control of infectious diseases, such as Federal, state, and local public health officials. Course participants should have a knowledge of or interest in vaccines and vaccine-preventable diseases.

COURSE FORMAT

The course format will include didactic presentations, clinical case discussions, and meet the expert small group interaction. Each presentation will emphasize an interactive format with problem-based learning and case presentations where appropriate. The attendees will be encouraged to utilize an audience response system and participate in lively and stimulating question and answer discussions.

WHO SHOULD ATTEND

- Primary Care Physicians
- Family Physicians
- Internal Medicine Specialists
- Pediatricians
- Public Health Specialists
- Nurse Practitioners
- Physician Assistants
- Clinical Practice Nurses
- Pharmacists
- Infectious Disease Specialists
- Other Health Care Professionals involved with clinical aspects of vaccinology

COURSE OBJECTIVES

At the conclusion of this course, participants should be able to meet the following objectives:

- List three reasons why vaccine preventable diseases persist
- Describe the immunological mechanisms for vaccine protection
- Identify the challenges in implementation of immunization programs and strategies to improve them
- Review the process for monitoring and evaluating vaccine safety and describe the evolution of vaccine safety concerns
- Describe new technology and ideas contributing to the future of vaccine development and delivery
- Discuss indications, contraindications and effectiveness of vaccines recommended routinely as well as vaccines recommended in special circumstances such as for international travel

ACKNOWLEDGEMENTS

Multiple funding sources will be solicited to provide independent, unrestricted educational grants in support of the course. Supporters will be acknowledged in the course syllabus.

ACCREDITATION

Continuing Medical Education Credits

The National Foundation for Infectious Diseases (NFID) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide Continuing Medical Education (CME) for physicians. NFID takes responsibility for the content, quality, and scientific integrity of this CME activity.

NFID designates this educational activity for a maximum of 16.5 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Continuing Education for Nurses

NFID is an approved provider of continuing nursing education by the Maryland Nurses Association, an accredited approver by the American Nurses Credentialing Center’s Commission on Accreditation. This educational activity has been approved for 16.5 contact hours. To receive credit, each participant must attend the entire program, and complete a daily sign-in sheet and conference evaluation.

DISCLOSURES

As a sponsor accredited by the Accreditation Council for Continuing Medical Education (ACME), the National Foundation for Infectious Diseases must ensure balance, independence, objectivity, and scientific rigor in all its educational activities. All individuals in a position to control the content of the activity have disclosed: (1) any relevant financial interest or other relationship with the manufacturer(s) of any commercial product(s) and/or provider(s) of commercial services discussed in an educational presentation and/or with any commercial supporters of the activity; (2) any intention to discuss off-label uses of regulated substances or devices. Disclosure information is reviewed in advance to manage and resolve any real or perceived conflict of interest that may affect the balance and scientific integrity of an educational presentation.

HOTEL ACCOMMODATIONS

A limited number of guest rooms have been reserved for course participants at the Grand Hyatt Atlanta in Buckhead at the rate listed below. To make a reservation, call 404-237-1234 or 800-233-1234 and tell the agent that you are attending the 2009 Clinical Vaccinology Course being held November 13-15, 2009. Reservations should be made no later than October 28, 2009, in order to secure the course rate. After that date, rooms are on a space- and rate-available basis only. Please note that the room block is limited, and contacting the hotel before October 28, 2009, does not guarantee that space will be available. Make your reservations as early as possible to avoid any problems.

In addition, a small block of rooms has been reserved at the prevailing 2009 per diem for employees of the U.S. Federal Government. Identify yourself as a U.S. Government employee when you call to make your reservation. You will be required to present proof of your status upon check-in.

GRAND HYATT ATLANTA IN BUCKHEAD*
3300 Peachtree Road, NE
Atlanta, GA 30305
404-237-1234
$110 per night, single/double (plus applicable tax, currently 15%)

*This facility is fully accessible to the public in accordance with the Americans with Disabilities Act guidelines.
FRIDAY
NOVEMBER 13, 2009

7:30 am – 4:15 pm Registration
7:30 am – 8:15 am Continental Breakfast
8:15 am – 8:30 am Welcome and Introductions

KEYNOTE PRESENTATION
8:30 am An Overview of Vaccinology
Walter A. Orenstein, MD
Bill and Melinda Gates Foundation
Seattle, WA

9:15 am Questions and Answers

SESSION 1: How Vaccines Work
9:30 am Active Immunity
Barney Graham, MD, PhD
National Institute of Allergy and Infectious Diseases
Bethesda, MD

10:00 am Passive Immunization
H. Cody Meissner MD, FAAP
Tufts University School of Medicine
Tufts Medical Center
Boston, MA

10:30 am Questions and Answers
10:45 am Coffee Break

The Advisory Committee on Immunization Practices (ACIP) Update on Vaccine Recommendations
11:00 am Larry K. Pickering, MD, FAAP
National Center for Immunization and Respiratory Diseases
Centers for Disease Control and Prevention
Atlanta, GA

11:45 am Questions and Answers
12:00 pm Lunch (on your own)

SESSION 2: Childhood Immunization
1:15 pm Pneumococcal Conjugate Vaccines
Lorry Glen Rubin, MD, FAAP
Schneider Children’s Hospital
Albert Einstein College of Medicine
New Hyde Park, NY

1:45 pm Rotavirus Vaccines
Penelope Hill Dennehy, MD, FAAP
Warren Alpert Medical School of Brown University
Hasbro Children’s Hospital
Providence, RI

2:15 pm Update on Combination Vaccines
Patricia A. Stinchfield, RN, MS, CPNP, PNP
Children’s Hospitals and Clinics of Minnesota
St. Paul, MN

2:45 pm Questions and Answers
3:15 pm Coffee Break

Clinical Cases in Vaccinology
3:30 pm William L. Atkinson, MD, MPH
National Center for Immunization and Respiratory Diseases
Centers for Disease Control and Prevention
Atlanta, GA

4:15 pm Adjournment

SATURDAY
NOVEMBER 14, 2009

7:15 am – 3:30 pm Registration
7:15 am – 7:50 am Continental Breakfast
7:15 am – 7:50 am Meet the Experts Roundtable

KEYNOTE PRESENTATION
8:00 am Immunization Issues in the Elderly
Kenneth E. Schmader, MD
Duke University Medical Center
Durham VA Medical Center
Durham, NC

8:45 am Questions and Answers

SESSION 3: Special Issues
9:00 am Travel Vaccines 2009
Jay S. Keystone MD, MSc (CTM), FRCPC
Toronto General Hospital
Toronto, Ontario, Canada

9:30 am Vaccines in the Immunocompromised Host
Lorry Glen Rubin, MD, FAAP
Schneider Children’s Hospital
Albert Einstein College of Medicine
New Hyde Park, NY

10:00 am Coffee Break
10:15 am Origins of Vaccine Hesitancy
Martin G. Myers, MD
Sealy Center for Vaccine Development
University of Texas Medical Branch
Galveston, TX

8:45 am Questions and Answers

SESSION 4A: Adult Immunization
1:30 pm Pneumococcal Vaccines
Lisa Jackson, MD, MPH
Group Health Center for Health Studies
Seattle, WA

2:00 pm Immunization of Health Care Workers
David J. Weber, MD, MPH
University of North Carolina at Chapel Hill
Chapel Hill, NC

2:30 pm Effective Delivery and Financing
Kristin L. Nichol, MD, MPH, MBA
Minneapolis VA Medical Center
University of Minnesota
Minneapolis, MN

3:00 pm Questions and Answers
3:30 pm Adjournment

SESSION 4B: Childhood and Adolescent Immunization
1:30 pm The Promise and Challenge of Adolescent Immunization
Gary L. Freed, MD, MPH
University of Michigan Health Systems
Ann Arbor, MI

2:00 pm Pertussis Vaccines
Margaret C. Fisher, MD, FAAP
The Children’s Hospital at Monmouth Medical Center
Drexel University College of Medicine
Long Branch, NJ

2:30 pm Influenza Vaccines: From Early Infancy to Adolescence
John Bradley, MD
Rady Children’s Hospital San Diego
San Diego, CA

3:00 pm Questions and Answers
3:30 pm Adjournment

Clinical Cases in Vaccinology
11:15 am William L. Atkinson, MD, MPH
National Center for Immunization and Respiratory Diseases
Centers for Disease Control and Prevention
Atlanta, GA

12:00 pm Lunch

CONCURRENT SESSIONS:
Immunization Challenges
7:15 am – 9:00 am Registration
7:15 am – 7:50 am Continental Breakfast

KEYNOTE PRESENTATION
8:00 am Vaccine Communication Issues
Martin G. Myers, MD
Sealy Center for Vaccine Development
University of Texas Medical Branch
Galveston, TX

8:45 am Questions and Answers

SESSION 5: Communication Issues
9:00 am Communicating with Health Care Practitioners
Noni E. MacDonald, MD, FRCP
Dalhousie University
IWK Health Center
Halifax, Nova Scotia, Canada

10:45 am Questions and Answers

SESSION 6: Cutting Edge Topics
11:00 am Novel Influenza A (H1N1) Virus
Anthony Fiore, MD, MPH
United States Public Health Service
National Center for Immunization and Respiratory Diseases
Centers for Disease Control and Prevention
Atlanta, GA

1:00 pm Adjournment/Evaluations

TRAVEL

By Plane:
Hartsfield-Jackson Atlanta International Airport is located 21 miles from the Grand Hyatt Atlanta. Taxi service between the airport and the hotel is approximately $40–$60 one-way. The Atlanta Link is the exclusive shuttle service running to and from the airport. Rates to Buckhead are $20.50 one way or $37 roundtrip. Service operates from 6-12am. For more information or reservations, call 404-524-3400 or visit www.theatlantalink.com.

By Car:


From South: (Columbus, GA) Take I-85 N toward Atlanta. Stay left to I-85 N/GA-403 N via Exit 251 toward GA-400/Greenville. Keep right to take GA-400 N via Exit 87 toward Buckhead/Cumming (Portions toll). Take the Lenox Rd/GA-141-CONN exit (Exit 2) toward Buckhead. Take the GA-141 East ramp toward Peachtree Rd. Merge onto Lenox Road NE/GA-141-CONN East/Buckhead Loop Northeast. Turn right onto Peachtree Rd Northeast/GA-141. The hotel is on the right.

Parking at the Hotel: Parking for overnight guests is $20 daily (self-park)/$30 valet. For more information call 404-237-2424.

By MARTA:
Travelers can board the Metropolitan Atlanta Rapid Transit Authority (MARTA) train within the airport. Train fare is $1.75. Service runs from 5:30-1:00am on weekdays. Trains depart every four to five minutes on weekdays and every 10-15 minutes on weekends. Grand Hyatt Atlanta guests should board the Northbound train (N to North Springs). Exit at the Buckhead Station N7 onto Peachtree Road S. The hotel is one block away. Guests also may call the hotel at 404-237-1234 to request pick up from the hotel’s courtesy car. For more information on MARTA schedules, please call 404-848-4711.
REGISTRATION AND FEES

ON OR BEFORE OCTOBER 7, 2009

Early Registration Fee ........................................... $550
NFID Supporting Member ......................................... $495
Doctors in Training Early Registration Fee** ............ $250
Nurses** ................................................................. $250
Daily ................................................................. $200

AFTER OCTOBER 7, 2009

Registration Fee .................................................. $650
NFID Supporting Member ........................................ $585
Doctors in Training* ** ........................................... $350
Nurses** ................................................................. $350
Daily ................................................................. $250

*Includes medical students, doctoral students, residents, fellows, and physician assistants.

**Verification of status must be provided in the form of a letter from your program director or for nurses, a copy of your valid license.

To qualify for the early Registration Fee, a complete registration form with payment must be received at the NFID office before 5 p.m. Eastern Time on October 7, 2009. Registrations or payments received after that date will be subject to the higher rate.

The registration fee includes a course syllabus, continental breakfast on each day of the course, and all refreshment breaks. Accommodations and additional meals are not included.

Follow the registration instructions according to your method of payment. Confirmation notices will be sent within two weeks of completed registration and payment. Please allow time for processing.

Credit Cards: If you are paying by credit card, you may register securely online at www.nfid.org, fax your registration to (301) 907-0878, or mail it to the address below. We are unable to accept telephone registrations.

Check or Money Order: Checks (drawn on a U.S. bank only) and/or money orders must be made in U.S. dollars, made payable to NFID, and mailed with the registration form to the address below. We are unable to accept telephone registrations.

Check or Money Order cannot be accepted.

SEND TO: National Foundation for Infectious Diseases
Clinical Vaccinology Course
4733 Bethesda Avenue, Suite 750
Bethesda, MD 20814-5228

CALL: (301) 656-0003, ext. 19
FAX: (301) 907-0878
E-MAIL: idcourse@nfid.org
Visit our web site: www.nfid.org

For further information, please contact Sharon Cooper-Kerr or Lauren Ero at the address or telephone number listed above.

REGISTRATION FORM

Clinical Vaccinology Course
GRAND HYATT ATLANTA BUCKHEAD—ATLANTA, GA
NOVEMBER 13-15, 2009

(Please print clearly or type; photocopy for additional registrants.)

<table>
<thead>
<tr>
<th>Last name</th>
<th>First name</th>
<th>Middle initial</th>
</tr>
</thead>
</table>

Professional title
Affiliation

Primary Degree(s): (circle all that apply)
BA BS DSc DPH DVM MA MD MPH MS PhD RN

Other :

Primary Specialty (e.g. immunology, infectious diseases, clinical research, etc)

Mailing address
City State Zip+4/postal code Country

Daytime telephone E-mail address

☐ I do not wish my contact information to appear on the Participant List to be distributed at the course.

SPECIAL NEEDS Please list any special meeting needs or requirements you may have in the space below, or contact Sharon Cooper-Kerr at 301-656-0003, Ext 19 or idcourse@nfid.org:

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PAYMENT (please circle)

ON OR BEFORE OCTOBER 7, 2009

$550 REGISTRATION
$495 NFID SUPPORTING MEMBER
$250 DOCTORS IN TRAINING* **
$250 NURSES**
$200 DAILY:
☐ Fri. ☐ Sat. ☐ Sun. (Check Box)

AFTER OCTOBER 7, 2009

$650 REGISTRATION
$585 NFID SUPPORTING MEMBER
$350 DOCTORS IN TRAINING* **
$350 NURSES**
$250 DAILY:
☐ Fri. ☐ Sat. ☐ Sun. (Check Box)

*Includes medical students, doctoral students, residents, fellows, and physician assistants.

**Verification of status must be provided in the form of a letter from your program director or for nurses, a copy of your valid license.

☐ Check or money order drawn on U.S. funds [made payable to NFID] enclosed in the amount of $ __________

☐ Please bill my credit card in the amount of $ __________

Check type of card ☐ Visa ☐ MasterCard ☐ American Express

Name as printed on card

Card number Expiration date

Signature

Billing address (if different from registrant’s mailing address)

CANCELLATION POLICY

Refunds minus a $75 administrative fee will be granted only if written notification arrives at the NFID office prior to 5 p.m. Eastern Daylight Time on October 16, 2009. There will be no refunds for cancellations made after this date. Substitutions will be allowed, but please notify us immediately. NFID, the Emory Department of Medicine, Division of Infectious Diseases, and the Emory Vaccine Center reserve the right to cancel this course at any time. In the event of a cancellation of the course, the full registration fee will be returned to the registrant.