2008 Annual Conference on Antimicrobial Resistance

SCIENCE • PREVENTION • CONTROL

June 23 – 25, 2008 - Hyatt Regency Bethesda - Bethesda, MD

Call for Abstracts and Conference Announcement
Conference Overview

Target Audience
- Healthcare professionals and researchers in academia, government, and industry interested in antimicrobial resistance
- Microbiologists
- Nurses
- Pharmacologists
- Pharmacoepidemiologists
- Public health officials
- Infectious diseases physicians
- Agricultural scientists
- Hospital pathologists
- Hospital epidemiologists and infection control practitioners
- Veterinarians
- Physician assistants
- Others with an interest in antimicrobial resistance

Conference Objectives
At the conclusion of this conference, participants should be able to:
- Discuss the science, prevention and control of antimicrobial resistance
- Define issues and potential solutions to the problem of antimicrobial resistance

Continuing Education

Continuing Education for Physicians
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 CME activity for a maximum of 16 AMA PRA Category 1 Credits™. Physicians should claim credit commensurate with the extent of their participation in the educational activity.

Continuing Education for Nurses
This 16 contact hour education activity is provided by the National Foundation for Infectious Diseases (NFID). 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.

To earn contact hours, each participant must attend the entire program, sign in each day, and complete the Continuing Education Credit and Evaluation Form.

Disclosure
As a sponsor accredited by the ACCME, NFID must ensure balance, independence, objectivity, and scientific rigor in its educational activities. All faculty and planning committee members are required to disclose, both written and verbally, any relevant financial interest or other relationship with the manufacturer(s) of any product or service discussed in an educational presentation and/or with the commercial supporters of this activity. Disclosure information is reviewed in advance to manage and resolve any conflict of interest that may affect the balance and scientific integrity of an educational presentation.

Meet the Experts Breakfast Sessions
Each Meet the Experts Breakfast Session is a small group format that focuses on the interaction between faculty members and attendees. The format is conducive to informal interaction led by introductory remarks from the professor followed by questions and answers with the participants. The sessions are open to all attendees, however, seating capacity is limited and on a first-come, first-served basis. Please be sure to take advantage of this networking opportunity to meet with faculty for a thoughtful exchange of ideas among peers, mentors, and colleagues.

Acknowledgments
Multiple funding sources are currently being solicited to provide unrestricted educational grants in support of this conference. Supporters will be listed in the conference final program.
NFID recognizes the following individuals for their support and contributions in planning this event.

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LEN NOVICK
Executive Director

NATASHA L. PATTERSON
Continuing Medical Education Coordinator
Bethesda, MD
Preliminary Program

Sunday, June 22, 2008

6:00 p.m. - 8:00 p.m. Registration

Monday, June 23, 2008

8:00 a.m. - 5:00 p.m. Registration
8:00 a.m. Poster Set-Up
8:30 a.m. Continental Breakfast
8:50 a.m. Welcome and Introductions
Susan J. Rehm, M.D.
National Foundation for Infectious Diseases
Bethesda, MD

Keynote Address
9:00 a.m. Antibiotic Resistance: Location, Location, Location!
David M. Livermore, Ph.D.
Health Protection Agency
London, United Kingdom

Symposium 1. C. Difficile
10:30 a.m. Clostridium difficile in Animals: Public Health and Veterinary Consequences
Ontario Veterinary College/University of Guelph
Guelph, ON, Canada

11:00 a.m. Human and Food Animal Genotypes of Clostridium difficile in the Food Supply
J. Glenn Songer, Ph.D., F.A.A.M.
The University of Arizona
Tucson, AZ

11:30 a.m. The Epidemiology of Clostridium difficile Infection in Humans
L. Clifford McDonald, M.D.
Centers for Disease Control and Prevention
Atlanta, GA

12:00 p.m. Pathogenesis of Clostridium difficile Infection
Stuart H. Cohen, M.D.
University of California, Davis Medical Center
Sacramento, CA

12:30 p.m. Lunch (on your own)

Symposium 2. The Growing Clinical Problem of Resistance Among Gram-Negative Bacteria
1:30 p.m. The Clinical Challenge of MDR Gram-negative Pathogens in US Hospitals
George Eliopoulos, M.D.
Beth Israel Deaconess Medical Center
Boston, MA

1:55 p.m. The Clinical Challenge of MDR Acinetobacter in Iraq
Glenn Wortmann, M.D.
Walter Reed Army Medical Center
Washington, DC

2:20 p.m. The Clinical Challenge of MDR Pseudomonas in Cystic Fibrosis
Lisa Saimin, M.D., M.P.H.
Columbia University Medical Center
New York, NY

2:45 p.m. The Clinical Challenge of MDR Foodborne Gram Negative Pathogens
David White, Ph.D.
U.S. Food and Drug Administration
Laurel, MD

3:10 p.m. Panel Discussion
3:30 p.m. Coffee Break

Symposium 3. Collateral Damage of Antibiotic Use
3:45 p.m. Epidemiology: Who Uses Antibiotics?
Thomas O’Brien, M.D.
Brigham and Women’s Hospital
Boston, MA

4:15 p.m. Impact on Secondary Pathogens and Commensals
Susan F. Kotarski, Ph.D.
Pfizer, Inc.
New York, NY

4:45 p.m. Evaluating the Human Public Health Impact of In Vitro Resistance
John H. Powers, III, M.D.
Scientific Applications International Corporation
Bethesda, MD

5:15 p.m. Poster Session and Reception
Preliminary Program

Tuesday, June 24, 2008

7:00 a.m. - 5:00 p.m. Registration
7:15 a.m. - 7:45 a.m. Meet the Experts Breakfast Session
7:30 a.m. Continental Breakfast

**Symposium 4: Innovative Practices for Prevention of Resistance**

8:00 a.m. Prevention of Resistance by Optimizing Antimicrobial Dosing
Victor L. Yu, M.D.
University of Pittsburgh
Pittsburgh, PA

8:30 a.m. Prevention of Resistance by Limiting Antibiotic Exposure: Innovative Approaches in the Neonate
Pablo J. Sanchez, M.D.
UT Southwestern Medical School
Dallas, TX

9:00 a.m. Prevention of Resistance by Optimizing Antibiotic Usage: Antimicrobial Stewardship
Sara Cosgrove, M.D., M.S.
Johns Hopkins Hospital
Baltimore, MD

9:30 a.m. Prevention of Resistance by Optimizing Antibiotic Exposure: The Mutant Prevention Concentration
Karl Drlica, Ph.D.
New Jersey Medical School
Newark, NJ

10:00 a.m. Coffee Break

**Symposium 5: Risk versus Benefits**

10:30 a.m. Antibiotic Resistance as an Adverse Event and Risk Perception
John H. Powers, III, M.D.
Scientific Applications International Corporation
Bethesda, MD

11:00 a.m. Risk versus Benefit of Antibiotics
Rosemary Johann-Liang, M.D., F.A.A.P.
U.S. Department of Health and Humans Services
Bethesda, MD

11:30 a.m. Antibiotic Resistance and Antibiotic Use in Animals
Frederick Angulo, M.D.
Centers for Disease Control and Prevention
Atlanta, GA

12:00 p.m. Roundtable Discussion
12:30 p.m. Lunch (on your own)

**Submitted Presentations**

1:30 p.m. Submitted Presentations
2:30 p.m. Coffee Break

Wednesday, June 25, 2008

2:45 p.m. Microbial Hazards in the Food Chain from Farm to Table
Robert Tauxe, M.D., M.P.H.
Centers for Disease Control and Prevention
Atlanta, GA

3:15 p.m. Interventions to Prevent or Reduce Food Contamination by Antibiotic-Resistant Bacteria
Michael P. Doyle, Ph.D.
University of Georgia
Griffin, GA

3:45 p.m. Panel Discussion
4:45 p.m. Adjournment

**Symposium 6: Resistant Pathogens in the Food We Eat**

2:45 p.m. The Antibiotic Resistome: Scope and Impact
Gerry Wright, Ph.D.
McMaster University
Hamilton, ON, Canada

8:00 a.m. The Antibiotic Resistome: Scope and Impact
Gerry Wright, Ph.D.
McMaster University
Hamilton, ON, Canada

8:40 a.m. Intercontinental Transport of Microorganisms in Clouds of Desert Dust: A Global Human Health Perspective
Dale W. Griffin, Ph.D., M.S.P.H.
United States Geological Survey
Tallahassee, FL

9:20 a.m. The proliferation of Antibiotic resistant Bacteria in a Simulated River Water System
Randall Singer, D.V.M., M.P.V.M., Ph.D.
University of Minnesota
St. Paul, MN

10:00 a.m. Coffee Break

**Symposium 7: The Role of Ecology in the Spread of Resistant Pathogens**

10:30 a.m. The Antibiotic Resistome: Scope and Impact
Gerry Wright, Ph.D.
McMaster University
Hamilton, ON, Canada

8:00 a.m. The Antibiotic Resistome: Scope and Impact
Gerry Wright, Ph.D.
McMaster University
Hamilton, ON, Canada

8:40 a.m. Intercontinental Transport of Microorganisms in Clouds of Desert Dust: A Global Human Health Perspective
Dale W. Griffin, Ph.D., M.S.P.H.
United States Geological Survey
Tallahassee, FL

9:20 a.m. The proliferation of Antibiotic resistant Bacteria in a Simulated River Water System
Randall Singer, D.V.M., M.P.V.M., Ph.D.
University of Minnesota
St. Paul, MN

10:00 a.m. Coffee Break

**Submitted Presentations**

10:30 a.m. Submitted presentations
12:00 p.m. Adjournment/Participant Evaluation
The registration fees are as follows:

<table>
<thead>
<tr>
<th>On or before May 5, 2008</th>
<th>After May 5, 2008 and Onsite</th>
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<tr>
<td>$425 Registration</td>
<td>$500 Registration</td>
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<tr>
<td>$380 NFID Supporting Member</td>
<td>$450 NFID Supporting Member</td>
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<tr>
<td>$200 Doctors in Training* **</td>
<td>$250 Doctors in Training* **</td>
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<td>$200 Nurses**</td>
<td>$250 Nurses**</td>
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<td>$200 Daily Registration</td>
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Registration Deadline—June 16, 2008 (registrations received after June 20 will be processed on-site)

To qualify for the reduced registration fee, a completed registration form with payment must be received at the NFID office before 5 p.m. Eastern Time on May 5, 2008.

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

**To be approved for the reduced registration fee, verification of status must be provided in the form of a letter from your program director; or a copy of your license should be provided for nurses.

Follow the registration instructions below according to your method of payment. Confirmations will be sent within two weeks of receipt of completed registration and proper 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 in U.S. dollars, made payable to NFID, and mailed with the registration form to the address below. Purchase orders cannot be accepted.

Send registrations to the following address:

2008 Annual Conference on Antimicrobial Resistance
National Foundation for Infectious Diseases
4733 Bethesda Avenue, Suite 750
Bethesda, MD 20814-5278
USA

For Further Information
Please contact Lauren Ero or Sharon Cooper-Kerr at the address listed above or:
Phone: 301-656-0003 x19    Fax: 301-907-0878
E-Mail: resistance@nfid.org
Visit our Website: www.nfid.org

GENERAL INFORMATION

Language • The official language for the conference is English.
Dates and Location • The 2008 Conference on Antimicrobial Resistance will be held June 23-25, 2008 at:

Hyatt Regency Bethesda*
One Bethesda Metro Center
Wisconsin Avenue at Old Georgetown Road
Bethesda, Maryland 20814
(301) 657-1234

*This facility is fully accessible to the public in accordance with the Americans with Disabilities Act guidelines.

Hotel Accommodations • A limited number of guest rooms have been reserved at the Hyatt Regency Bethesda for conference participants at the rate listed below:

$215 single/$240 double occupancy (plus applicable taxes, currently 12%) per night.

To make a reservation, call the hotel directly at 301-657-1234 or the Hyatt toll-free reservation department at 800-233-1234, and tell the agent that you are attending the 2008 Annual Conference on Antimicrobial Resistance being held from June 23-25, 2008. Reservations should be made no later than May 31, 2008 in order to secure the conference 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 May 31st 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 have been reserved at the prevailing 2008 per diem rate 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 government employee status upon check-in.

By Plane • Baltimore-Washington International Airport (BWI) is located approximately 40 minutes from the Hyatt Regency Bethesda. Taxi service between BWI and Bethesda is approximately $65 one-way. Super Shuttle transportation service operates 24 hours a day, 7 days a week (call 1-800-258-3826 for reservations). The cost is approximately $45 one-way.

• Washington Ronald Reagan-National Airport (DCA) is located approximately 30 minutes from the Hyatt Regency Bethesda. Taxi service between Reagan-National Airport and Bethesda is approximately $30 one-way. Super Shuttle transportation service operates 24 hours a day, 7 days a week (call 1-800-258-3826 for reservations). The cost is approximately $33 one-way. There is also convenient access to the Metrorail subway system. From the National Airport station, take a Yellow line train in the direction of Gallery Place. Change to the Red line train at Gallery Place, change again at Shady Grove, and exit at Grosvenor.

By Train • The Hyatt Regency Bethesda is located 25 minutes from Washington Union Station. A taxi will cost approximately $20. There is also convenient access to the Metrorail subway system. From Union Station, take a Red line train in the direction of Shady Grove, exit at Grosvenor, and exit at Bethesda station. The hotel is directly above the station.

By Car • From Baltimore/New York: Take I-95 South to I-495 West (toward Silver Spring). Follow I-495 to Exit 33 (Connecticut Avenue). Turn left onto Connecticut Avenue heading towards Chevy Chase. Proceed south on Connecticut Avenue for approximately 1 mile. Turn right onto Route 410 (East-West Highway). Proceed on East-West Highway for 1 mile until it intersects with Route 355 (Wisconsin Avenue). Turn left onto Wisconsin Avenue. The Hyatt is immediately on the right.

• From Virginia: Take I-95 North to I-495 North (toward Tysons Corner). Follow I-495 North to Exit 34 (Wisconsin Avenue/Bethesda). Proceed south on Route 355 (Wisconsin Avenue) for approximately 2.5 miles. The Hyatt is on the right immediately after Old Georgetown Road.

• From Frederick/Hagerstown: Take I-70/1-270 South towards Washington. Follow I-270 South, bear left at the split (I-495 East). Continue on I-495 to Route 355. South exit (exit will be on the left). Proceed south on Route 355 (Wisconsin Avenue) for approximately 2.5 miles. The Hyatt is on the right immediately after Old Georgetown Road.

• From Frederick/Hagerstown: Take I-70/1-270 South towards Washington. Follow I-270 South, bear left at the split (I-495 East). Continue on I-495 to Route 355. South exit (exit will be on the left). Proceed south on Route 355 (Wisconsin Avenue) for approximately 2.5 miles. The Hyatt is on the right immediately after Old Georgetown Road.

If you require more detailed directions, please contact the hotel directly at 301-657-1234.

Parking at the Hotel • Parking for overnight guests is approximately $15 (self-park)/$20 (valet). Daily parking rate is approximately $12 per day and is based upon availability. Additional hourly parking lots are located nearby. For more information call 301-657-1234.

Recommended Dress • Business attire is appropriate for the sessions and receptions.

Reminder: Meeting room temperatures and personal comfort levels vary widely. Because meeting rooms often seem cold, please bring a sweater or jacket.

INTERNATIONAL ATTENDEES

If you require a letter of invitation in order to obtain a visa for entry into the United States, please let us know as soon as possible. Please indicate where the letter should be sent and how it should be sent (fax, post, etc.).
Registration Form

ANNUAL CONFERENCE ON
ANTIMICROBIAL RESISTANCE
JUNE 23-25, 2008
Hyatt Regency Bethesda, Bethesda, Maryland

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

last name   first name   middle initial

professional title   affiliation

primary degree(s): (circle all that apply)
BA BS DPH DO DSc DVM MA MD MN MS PhD
Other: _________________________________________________________________

primary specialty (e.g. immunology, infectious diseases, clinical research, etc)

mailing address

city    state    zip+4/postal code

country

daytime telephone    fax number

e-mail address

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

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 or resistance@nfid.org:

NFID SUPPORTING MEMBERSHIP

Become a Supporting Member of NFID and save 10% on your conference registration. Benefits also include subscriptions to NFID publications and newsletters. For more details visit www.nfid.org/membership

I would like to become a NFID Supporting Member.
☐ Enclosed is a check or money order in the amount of $95
☐ Please bill my credit card in the amount of $95

PAYMENT (PLEASE CIRCLE)

EARLY BIRD
$425 Early Registration fee
$380 NFID supporting member
$200 Doctors in training
$200 Nurses
$200 Daily

AFTER MAY 5 OR ONSITE
$500 Registration fee
$450 NFID supporting member
$250 Doctors in training
$250 Nurses
$250 Daily

☑ MON ☐ TUE ☐ WED (CHECK BOX) ☐ MON ☐ TUE ☐ WED (CHECK BOX)

☐ 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)

city    state    zip+4/postal code

country

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 Time on May 23, 2008. There will be no refunds for cancellations made after this date. NFID reserves the right to cancel this conference at any time. In the event of conference cancellation, the full registration fee will be returned to the registrant.
The Scientific Program Committee invites submissions of abstracts of original research. Topic areas and abstract format are available on-line at the conference website. All abstracts must be submitted electronically. Abstracts should be submitted via the on-line submission program on the conference website (www.nfid.org/conferences/resistance08).

**Deadline:** Abstracts must be received by March 2, 2008.

**Notification:** Notification of abstract acceptance will be e-mailed on or around March 26, 2008.

**Important Note:** Those whose abstracts are accepted for presentation must complete a conference registration form and pay the appropriate registration fee by May 7, 2008; otherwise the abstract will be withdrawn. The conference does not have funds available to support travel or other costs, so please make financial arrangements as soon as possible. Presenters who fail to appear at the conference at the specified time(s) without making arrangements for a co-author to make their presentation will forfeit their registration fee and any future abstract submissions will be automatically disqualified from consideration for two years.

**More Information:** Additional information regarding the abstract submission process may be acquired by contacting Lauren Ero or Natasha Patterson through any of the means listed below:

- **Phone:** 301-656-0003 x19
- **Fax:** 301-907-0878
- **E-Mail:** resistance@nfid.org