THE YEAR IN Infectious Diseases
The Challenge of Antimicrobial Resistance and Novel Approaches to Prevention and Stewardship

MAY 8, 2020
Prentice Women’s Hospital Conference Room L, 3rd Floor
250 E. Superior Street
Chicago, Illinois

SPONSORED BY: Northwestern University Division of Infectious Diseases, Northwestern University Feinberg School of Medicine Office of Continuing Medical Education.

CO-SPONSORED BY: The Illinois Council of Health-System Pharmacists and Northwestern University Feinberg School of Medicine Division of Infectious Diseases.

THIS ACTIVITY HAS BEEN APPROVED FOR 5.75 AMA PRA CATEGORY 1 CREDITS™

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LEARNING OBJECTIVES
At the conclusion of this activity, participants should be able to:

1. Describe contemporary approaches to hospital-based surveillance and mitigation of transmission of multi-drug resistant organisms.
2. Identify approaches to diagnosing and treating infections with multi-drug resistant bacteria.
4. Describe the role the lung microbiome plays in susceptibility and response to pneumonia.
5. Identify the contributions of the gut microbiome to prevention of colonization with multi-drug resistant bacteria.
6. Define factors that contribute to perturbation of the microbiome and the effects on disease development.
7. Define laboratory and epidemiological techniques for *Candida auris* identification and tracking in healthcare facilities.
8. Identify mechanisms of *C. auris* antifungal resistance.
9. Describe treatment options for *C. auris* and other fungal infections.

TARGET AUDIENCE
This continuing medical education program is designed to meet the educational needs of physicians, nurses, and allied health providers who specialize in the treatment of patients with infectious diseases or infection prevention and antimicrobial stewardship practitioners.

CONFERENCE LOCATION
This program will be held in Prentice Women’s Hospital Conference Room L, located at 250 East Superior Street, 3rd Floor, Chicago, Illinois. For directions and parking information, please visit www.nm.org.

SPECIAL NEEDS
The Feinberg School of Medicine fully intends to comply with the legal requirements of the Americans with Disabilities Act. If any participant of this conference is in need of accommodation please indicate those needs on the registration form or submit a written request to the Office of CME at least one month prior to the conference date.

ADDITIONAL INFORMATION
Contact the Division of Infectious Diseases by email: katie.daley@northwestern.edu, phone: 312-926-9877, or visit our website at: medicine.northwestern.edu/infectiousdiseases.

ACCREDITATION STATEMENT
The Northwestern University Feinberg School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

CONTINUING MEDICAL EDUCATION (CME)
The Northwestern University Feinberg School of Medicine designates this live activity for a maximum of 5.75 AMA PRA Category 1 Credit(s)™. Physicians should claim only credit commensurate with the extent of their participation in the activity.

CONTINUING PHARMACY EDUCATION (CPE)
This program is co-sponsored by the Illinois Council of Health-System Pharmacists and Northwestern University Feinberg School of Medicine Division of Infectious Diseases. The Illinois Council of Health-System Pharmacists is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. The Year in Infectious Disease program will offer a total of 5.5 contact hours (0.55 CEUs) of continuing pharmacy education in states that recognize ACPE providers.

Preventing MDRO Transmission:
UAN 0121-9999-20-050-L01-P
1.5 contact hours (0.15 CEUs)

The Host Microbiome and Infection:
UAN 0121-9999-20-051-L01-P
2.25 contact hours (0.25 CEUs)

New Fungi, New Therapies:
UAN 0121-9999-20-052-L01-P
1.75 contact hours (0.175 CEUs)

Activity Type: Knowledge-based
Intended Audience: Pharmacists

Participants must attend the entire session under each UAN to receive the designated credit – no partial credit will be awarded.

In order to receive continuing pharmacy education (CPE) credit, all meeting attendees will need to access CESally.com to complete evaluations. Credit will be reported to CPE Monitor. You will have 6 weeks after the program to complete your online evaluations and submit your request for CPE credit. Instructions for completing ICHP live program evaluations online will be included in the meeting folder provided to you at the program. Your NABP e-Proﬁle ID is required to receive CPE credit. Visit www.mycpemonitor.net for more information of interest, scientiﬁc objectivity of studies mentioned in the materials or used as the basis for content, and appropriateness of patient care recommendations are thoroughly vetted by Northwestern University Feinberg School of Medicine for fair balance; The faculty disclosures will be indicated in the course syllabus.
THE YEAR IN Infectious Diseases

NORTHEASTERN UNIVERSITY FEINBERG SCHOOL OF MEDICINE FACULTY

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Department of Medicine

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Division of Infectious Diseases
Department of Medicine

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Infectious Disease and
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Broad Institute of MIT and Harvard

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Division of Pediatric
Infectious Diseases
Johns Hopkins University
School of Medicine

Director
Pediatric Antimicrobial
Stewardship

FACULTY DISCLOSURES

CME FACULTY DISCLOSURE
Northwestern University Feinberg School of Medicine requires course directors, speakers, instructors, planners and other individuals who are in a position to control the content of this activity to disclose any relevant financial relationships. All identified potential conflicts of interest, scientific objectivity of studies mentioned in the materials or used as the basis for content, and appropriateness of patient care recommendations are thoroughly vetted by Northwestern University Feinberg School of Medicine for fair balance. The faculty disclosures will be indicated in the course syllabus.

ACPE FACULTY DISCLOSURE

It is the policy of the Illinois Council of Health-System Pharmacists (ICHP) to ensure balance, independence, objectivity, and scientific rigor in all of its education programs. In accordance with this policy, faculty must disclose to the participants any significant relationships with commercial companies whose products or devices may be mentioned in faculty presentations, or with the commercial supporter of these continuing pharmacy education programs. These disclosures will be provided at the program. Policy and Procedure for Educational Program Grievances can be found on our website.
FRIDAY, MAY 8, 2020

8:00 am  REGISTRATION AND BREAKFAST

9:00 am  WELCOME

9:10 am  SESSION I: PREVENTING MDRO TRANSMISSION

9:20 am  Transmission of Multidrug Resistant Bacteria
Anthony Harris, MD, MPH

9:50 am  Current Approaches to Management and Prevention of MDRO Gram-Negative Infections
Yohei Doi, MD, PhD

10:20 am  Anti-Infective Development and Stewardship for Gram-Negative Agents
David Nicolau, PharmD

10:50 am  BREAK

11:05 am  SESSION II: THE HOST MICROBIOME AND INFECTION

11:15 am  The Lung Microbiome and Infection
Robert Dickson, MD

11:45 am  The Gut Microbiome in Health and Disease
Eric Pamer, MD

12:15 pm  Modifying the Gut Microbiome to Prevent Colonization with Antibiotic-Resistant Organisms
Jennie H. Kwon, DO, MS

12:45 pm  LUNCH

1:00 pm  Keynote: Emerging Resistance to the Novel Antibiotics: What can the clinician do to prevent it?
Pranita Tamma, MD, MHS

1:45 pm  BREAK

2:00 pm  SESSION III: NEW FUNGI, NEW THREATS

2:10 pm  Global Epidemiology, Virulence, and Resistance in Candida auris
Christina Cuomo, PhD

2:40 pm  Transmission and Tracking of Candida auris
Belinda Ostrowsky, MD, MPH

3:10 pm  Epidemiology and New Therapeutics in Molds
Kieren Marr, MD

3:40 pm  Epidemiologic and Genomic Examination of Local Candida auris Cases
Scott Roberts, MD

4:00 pm  CLOSING REMARKS
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HOW TO REGISTER

- ONLINE – Please visit tinyurl.com/ttgropo
- MAIL – Mail the registration form with a check made payable to Northwestern University
  Northwestern University
  Feinberg School of Medicine
  Division of Infectious Diseases
  645 N. Michigan Ave, Suite 900
  Chicago, IL 60611

REGISTRATION FEE

<table>
<thead>
<tr>
<th>Category</th>
<th>Fee</th>
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</thead>
<tbody>
<tr>
<td>Physicians, Nurses, Allied Health Providers</td>
<td>$150</td>
</tr>
<tr>
<td>Northwestern Medicine, Lurie Children’s Hospital/Affiliated Faculty or Pharmacist</td>
<td>$25</td>
</tr>
<tr>
<td>Resident, Fellow, or Student</td>
<td>Complimentary</td>
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Please note that credit cards or cash cannot be accepted for on-site registration. On-site registrations must be made with a check.

Cancellation Policy
Cancellations must be made in writing to the Office of Continuing Medical Education. The paid registration, minus a $25 administrative fee, will be refunded if cancellation is received by April 8, 2020. No refund will be given after this date.

Questions
Questions regarding registration should be directed to Office of Continuing Medical Education at cme@northwestern.edu or (312) 503-8533. Registrations will not be accepted by telephone.

PLEASE TYPE OR PRINT

Last Name

First Name

- MD
- DO
- PhD
- RN
- Other (please specify)

Institution

Address

City

State

ZIP Code

Daytime Phone

Fax

E-mail (Required)

Your registration confirmation will be e-mailed

Specialty

Accessibility needs

Dietary needs
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