



R.J. Fasnmyer Center for Clinical Immunology and Cleveland Society of Rheumatology

Biologic Therapies Summit III:

Focusing on Infections, Malignancies, Cardiovascular Disease, and Other Comorbidities in Special Populations

Featuring **Mini-Symposium Master Clinician Panel**

May 7-9, 2009

InterContinental Hotel & Bank of America Conference Center | Cleveland, Ohio



Register Today! www.ccfcmec.org/biotherapies09



Biologic Therapies Summit III:

Focusing on Infections, Malignancies, Cardiovascular Disease, and Other Comorbidities in Special Populations

Accreditation

The Cleveland Clinic Foundation Center for Continuing Education is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Cleveland Clinic Foundation Center for Continuing Education designates this educational activity for a maximum of 17.25 *AMA PRA Category 1 Credits*[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity.

This activity may be submitted for American Osteopathic Association Continuing Medical Education credit in Category 2.

The Ohio Board of Nursing will accept at face value the number of contact hours awarded for an educational activity that has been approved for CE by a nationally accredited system of CE approval. Therefore, the 17.25 *AMA PRA Category 1 Credits*[™] will be accepted for nursing credits.

Faculty Disclosure

The Cleveland Clinic Foundation Center for Continuing Education has implemented a policy to comply with the current Accreditation Council for Continuing Medical Education Standards for Commercial Support requiring resolution of all faculty conflicts of interest. Faculty declaring a relevant commercial interest will be identified in the activity syllabus.

Overview

Biologic agents have become an important part of the overall therapeutic strategies for clinicians caring for patients with rheumatic and inflammatory diseases. Patients who are candidates for biologic therapies often present with other comorbidities, including infections, malignancies, cardiovascular disease, and autoimmune diseases. Understanding and incorporating these comorbidities into the management approach is important for clinicians when prescribing biologics in these special populations.

The Cleveland Clinic Richard J. Fasenmyer Center for Clinical Immunology and the Cleveland Rheumatology Association invite you to join an outstanding faculty of clinical experts for presentations on autoimmune and inflammatory disorders, common and rare infections associated with biologics, newer agents, and biologic use with existing conditions such as pregnancy, cancer, and liver disease.

Objectives

At the end of the Summit, the participant will be able to:

- Review and describe recent advances in basic immunology including B cell biology, cytokine biology, cell trafficking, and tolerance;
- Assess risks and mechanisms and prevention strategies for infectious complications attendant to biologic therapies;
- Describe the mechanisms of action, indications, and toxicity of newly approved agents as well as those in late development;
- Assess prevalence and risk of rare complications associated with agents in this class including hematologic, immunologic, cardiovascular, neurologic;
- Manage highly complex patient scenarios with biologics and compare their management decisions with global experts.

Target Audience

The Summit is directed to rheumatologists, gastroenterologists, dermatologists, pulmonologists, internal medicine physicians, nurse practitioners, physician assistants, and other healthcare professionals interested in or using biologic therapeutics in autoimmune and inflammatory disorders.

Acknowledgement

The Cleveland Clinic Foundation Center for Continuing Education acknowledges educational grants for partial support of this activity from:

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Special Gala Event

Cleveland Metroparks Zoo
Featuring the RainForest

Reception and Live Entertainment



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Mellen Center
Neurological Institute

Summit Agenda

Thursday, May 7, 2009

7:00 am Registration, Continental Breakfast & Exhibits

SESSION I: Autoimmune and Inflammatory Disorders from Bench to Bedside

Moderator: *Leonard Calabrese, DO*

8:00 am Welcoming Remarks
Leonard Calabrese, DO

8:15 am R.J. Fasenmyer Annual Lectureship in Clinical Immunology:
B Cell Biology 2009
Peter Lipsky, MD

9:00 am T Cell Trafficking in Health and Disease
Richard Ransohoff, MD

9:45 am Break & Exhibits

10:15 am T Cell Subsets in Health and Disease TH1, 2, 17
and Beyond
David Fox, MD

11:00 am The Biology of the Inflammasome in Health and Disease:
Implications for Therapy
TBD

11:45 am Lunch

SESSION II: Biologics and Infections – Common and Rare

Moderator: *Christopher Ritchlin, MD*

1:00 pm Defining Immunocompetency in Biologic Trials
William St. Clair, MD

1:20 pm Risks of Major Infections Across Agents
John Cush, MD

1:40 pm Risks of Biologic Agents in the Surgical Setting:
Global Recommendations
Jonathan Kay, MD

2:00 pm Break & Exhibits

2:30 pm Biologics and Viral Hepatitis: Old Witch or Pretty Lady?
Nizar Zein, MD

2:50 pm Vaccination Challenges in the Biologic Era
John Looney, MD

3:10 pm PML & Biologic Therapy: Assessing Risks
Eamonn Molloy, MD

3:30 pm Panel Discussion & Questions

4:00 pm Adjourn

7:00 pm

Gala Reception
The Cleveland Metroparks Zoo
Featuring the RainForest



Friday, May 8, 2009

7:30 am Continental Breakfast & Exhibits

SESSION III: The Newer Agents

Moderator: *William St. Clair, MD*

8:30 am Welcoming Remarks

8:45 am Liver Abnormalities with Vlogic DMARDs:
Non-infectious Complications
Leonard Calabrese, DO

9:10 am Next Generation of TNF Inhibitors
Edward Keystone, MD

9:35 am Inhibiting IL6 in the Clinic: Risks and Benefits
Josef Smolen, MD

10:00 am Break & Exhibits

10:30 am Small Molecules for Treatment of Inflammatory
Diseases: JAK-STAT-MAPK and More
Mark Genovese, MD

10:55 am New Agents in Gastroenterology
Scott Plevy, MD

11:20 am New Approaches to B Cell- and Lymph
Node-Directed Therapy
William St Clair, MD

11:45 am Panel Discussion & Questions

12:15 pm Lunch

SESSION IV: Mini-Symposium Master Clinician Panel

Moderator: *Brian Mandell, MD, PhD*

1:15 pm The Role of Biologics in Autoinflammatory Disease
Philip Hashkes, MD

1:45 pm RA and Granulomatous Infection
John Cush, MD

2:15 pm Rheumatoid Arthritis: What To Do About TNF Failures?
Edward Keystone, MD

2:45 pm Break & Exhibits

3:15 pm Patients with Pre-existing Malignancy
Jonathan Kay, MD

3:45 pm Vasculitis and Biologics: A Continuing Conundrum
Eamonn Molloy, MD

4:15 pm Hepatitis B and Inflammatory Diseases: How to
Manage Biologics
Leonard Calabrese, DO; Nizar Zein, MD

4:45 pm Adjourn

Saturday, May 9, 2009

7:30 am Continental Breakfast & Exhibits

8:20 am Welcoming Remarks

SESSION V: Cancer, Liver, Infections, Cardiovascular Disease, and Other Biologic Agents

Moderator: *Nizar Zein, MD*

8:30 am Epidemiology of Malignancies Across Biologic Agents
Jeffrey Greenberg, MD

8:55 am Biologic Therapy and Pregnancy: What Are the Risks?
Nora Singer, MD

9:20 am Risks of Cardiovascular Disease in Patients with Autoimmune and Inflammatory Disease
Elaine Husni, MD

9:45 am Panel Discussion & Questions

10:00 am Break & Exhibits

10:30 am Empiric Therapy of Infection in Patients on Biologic Agents: Evidence-Based Guidelines
Thomas File, Jr., MD

10:55 am Biologic Use in the US: Trends and Pharmacoeconomic impact
Allan Gibofsky, MD

11:20 am Dermatologic Uses of Biologic Drugs Beyond Psoriasis and Psoriatic Arthritis
Michael P. Heffernan, MD

11:45 am Panel Discussion & Questions

12:00 pm Lunch

SESSION VI: BREAKOUT SESSIONS

Rheumatology

Moderator: *Christopher Ritchlin, MD*

1:00 pm Spondyloarthropathy: Therapeutic Implications of Advances in Pathogenesis
Christopher Ritchlin, MD

1:30 pm Psoriatic Arthritis: QOL Issues and the Role of Biologics
Elaine Husni, MD

2:00 pm Biologics and Systemic Vasculitis: What Is the Evidence in 2009?
Carol Langford, MD

2:30 pm Panel Discussion & Questions

3:00 pm Adjourn

Gastroenterology

Moderator: *Nizar Zein, MD*

1:00 pm Risks and Benefits of Biologics in IBD: Critical Management Decisions
Aaron Brzezinski, MD

1:30 pm The Role and Risks of Natalizumab in the Treatment of Inflammatory Bowel Disease
Bret Lashner, MD

2:00 pm The Potential Role for Biologic Agents in the Management of Nonalcoholic Fatty Liver Disease
Arthur McCullough, MD

2:30 pm Panel Discussion & Questions

3:00 pm Adjourn

Allied Health

Moderator: *Elizabeth Kirchner, NP*

1:00 pm Immunology of Biologic Agents for Non-immunologists
Leonard Calabrese, DO

1:30 pm Management of Infusion-Related Issues
Carmen Gota, MD

2:00 pm Role of the Allied Health Professional in Prescribing and Monitoring Biologic Therapies
Elizabeth Kirchner, NP

2:45 pm Panel Discussion & Questions

3:15 pm Adjourn

Coming Soon!

The Biologic Therapies III CME Series

- Webcasts of select Summit presentations
- Podcasts of select Summit presentations
- Interactive Online Cases, featuring the Mini-Symposium Master Clinician Panel
- Print and Online Monographs, featuring the breakout sessions

GALA Reception

May 7, 2009 | 7:00 pm



The RainForest at Cleveland Metroparks Zoo contains two acres of plants and wildlife found in rainforests around the world. The RainForest is a two-story domed, simulated biosphere that enables visitors to experience what it is like to walk through tropical regions of Central America, Africa, or Asia. Explore the RainForest during the Biologics Gala Event and enjoy viewing more than 600 animals, including birds, monkeys, reptiles, and colorful fish, that ply lagoons, swamps, and warm rivers.

General Information

Location

InterContinental Hotel and Bank of America Conference Center
9801 Carnegie Avenue
Cleveland, OH 44106
Phone: 216-707-4100 or 877-707-8999
Fax: 216-707-4101

Hotel Accommodations

A block of rooms has been reserved at the InterContinental Hotel until April 6, 2009. To make your reservations, contact the Hotel Reservations Department at 216-707-4100 or 1-877-707-8999. Please identify yourself as being with the Cleveland Clinic Biologic Therapies Summit III, (online code CM8) for a special rate of \$169 single/double plus tax. The hotel and conference center is located on the campus of The Cleveland Clinic.

Ground Transportation

Taxi service is available from Cleveland Hopkins International Airport to the InterContinental Hotel and Bank of America Conference Center. As an alternative, take the rapid transit train from the airport to the Terminal Tower in downtown Cleveland and from there take a taxi to the InterContinental Hotel and Bank of America Conference Center.

Information

For further information about this course, contact UNITECH Communications® at:
Local: 216-448-0770
Toll Free: 800-238-6750

Web Address: www.ccfme.org/biotherapies09

For questions about registering online, call 216-448-0777.

For emergency phone calls during the course, call 216-707-4100 and ask for the Cleveland Clinic Registration Desk.

Registration and Cancellation

Pre-registrations are accepted by fax or online until 4:00 pm ET May 5, 2009. To register after this date, you must do so on-site. In case of cancellation, a full refund will be made if canceled by April 23, 2009. After April 23, 2009, a \$100 cancellation fee will be deducted from your refund. Written notification of your cancellation is required to process your refund. NO REFUNDS WILL BE ISSUED AFTER MAY 31, 2009.

Americans with Disabilities Act

The Cleveland Clinic Foundation Center for Continuing Education fully intends to comply with the legal requirements of the Americans with Disabilities Act. If you need assistance, please notify UNITECH Communications® at 216-448-0770 at least two weeks prior to the activity.

Parking

Parking is available in the 100th Street Visitor's Parking Garage. Valet parking is available at the hotel for an additional charge.



ABOUT CLEVELAND

The North Coast District

Originally known as the site of the Port of Cleveland, the North Coast District now rocks with excitement. Located on the shores of Lake Erie, the district encompasses the North Coast Harbor, home to several of the city's top attractions, including the Rock and Roll Hall of Fame and Museum, Great Lakes Science Center, and the Cleveland Browns football stadium.

Progressive Field

May 8 & 9, 2009
Detroit Tigers vs. Cleveland Indians

Tickets may be ordered online from www.clevelandindians.com or by calling 216-241-8888

Other Attractions

Cleveland Botanical Garden
216-721-1600

Cleveland Metroparks Zoo
216-661-6500

Museum of Contemporary Art Cleveland
216-421-8671

The Cleveland Orchestra
216-231-7300

Playhouse Square Center
216-771-4444

Cleveland Play House
216-795-7000

Cleveland House of Blues
216-523-2583

Great Lakes Science Center
216-694-2000

Cleveland Museum of Art
216-421-7340

Rock and Roll Hall of Fame and Museum
216-515-8444

For more information about Cleveland, visit the Cleveland Visitors Bureau at www.travelcleveland.com



REGISTRATION FORM

Course # 011591	
Office Use Only	
Fee _____	Date _____
MOP _____	CXL/Fee _____

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FEES

Fee includes: *electronic syllabus, continental breakfasts, lunches, refreshment breaks, and Gala Reception at the Cleveland Metroparks Zoo.*
Payment must be received prior to admittance to the course. Purchase orders are not accepted.

<input type="checkbox"/> Physician	\$450.00
<input type="checkbox"/> Corporate	\$450.00
<input type="checkbox"/> Comprecare Affiliate Member (ID# _____)	\$292.50
<input type="checkbox"/> Cleveland Clinic Alumnus	\$225.00
<input type="checkbox"/> Resident*/Nurses/Allied Health Professionals	\$225.00
<input type="checkbox"/> Fellows*	No Charge

* Letter from program director must be received in our office prior to the course to receive this fee.

REGISTER ONLINE

www.ccfcmc.org/biotherapies09

Once you register online, please do not mail or fax in a registration form

PLEASE SELECT APPROPRIATE FIELDS

Please check the following Saturday breakout session you plan to attend.

Rheumatology Session Allied Health Session Gastroenterology Session

Gala Reception

RainForest at the Cleveland Metroparks Zoo on Thursday, May 7, 2009, at 7:00 pm.

Yes, I will attend
 No, I will not attend
 I will require an extra ticket for spouse/guest at \$50.00 per ticket. Additional Ticket Quantity _____

I require vegetarian meals

PLEASE PRINT – complete the information below if registering by mail or fax

First Name: _____ Last Name: _____ MI: _____

Degree/Title: _____ Specialty: _____ Office/Institution: _____

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City: _____ State: _____ Zip: _____

Office Phone: _____ Office Fax: _____

Email Address: _____

Total amount enclosed or to be charged \$ _____

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Visa MasterCard American Express Discover

Card Number: _____ Expiration Date: _____

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