



Cleveland Clinic

R.J. Fasenmyer Center for Clinical Immunology

Cardiovascular Disease in Inflammatory Arthritis: Getting to the Heart of the Matter Symposium

May 6, 2009

5:30 pm to 9:00 pm

InterContinental Hotel & Bank of America Conference Center
Cleveland, Ohio



REGISTER TODAY!

www.ccfcmc.org/heartmatter09



Overview

Patients with inflammatory arthritis are at increased risk for cardiovascular disease. Studies have shown a clear link between inflammatory mediators and the development of cardiovascular disease, which has led to research on inhibiting the production of inflammatory cytokines. In clinical trials using TNF inhibitors, most data suggest that blocking TNF production can decrease the incidence of some cardiovascular events. However, TNF inhibitors have been associated with increases in other cardiovascular diseases, resulting in their contraindication in these patient populations. Clinical trials with investigational interleukin-receptor antagonists have shown positive results on some systemic inflammatory markers.

These research efforts have created a need for medical education providing evidence-based discussions of advances in cytokine inhibition and their effect on the care of patients with cardiovascular disease associated with inflammatory arthritis. This includes a review of the biologic mechanisms, potential therapeutic options for this patient population, risk-benefit ratios of each, and specific patient-selection criteria.

To address this educational need, the Cleveland Clinic Center for Continuing Education and the R.J. Fasenmyer Center for Clinical Immunology will present an evening symposium titled **Cardiovascular Disease in Inflammatory Arthritis: Getting to the Heart of the Matter**, on May 6, 2009, at the InterContinental Hotel and Bank of America Conference Center in Cleveland, Ohio. This educational activity is designed to increase practitioners' knowledge of the biology and management strategies of cardiovascular disease associated with inflammatory arthritis, with the ultimate goal of improving the care of these patients.

Target Audience

Rheumatologists, cardiologists, and other interested healthcare professionals.


Objectives

After completing these learning activities, the participant will be able to do the following:

- Review the epidemiology of increased cardiovascular morbidity and mortality associated with inflammatory arthritis;
- Discuss how immune-mediated pathways in atherosclerosis may be associated with inflammatory arthritis;
- Analyze emerging research on biomarkers being studied for cardiovascular disease in inflammatory arthritis;
- Explain how cytokines and other therapies for inflammatory arthritis may affect the outcome of patients with inflammatory arthritis;
- Recognize the need for early detection, risk stratification, and treatment guidelines for cardiovascular disease in inflammatory arthritis;
- Describe state-of-the-art noninvasive imaging for early cardiovascular disease in inflammatory arthritis.

Acknowledgements

The Cleveland Clinic Foundation Center for Continuing Education acknowledges an educational grant for support of this activity from: **Roche**



Cardiovascular Disease in Inflammatory Arthritis: Getting to the Heart of the Matter Symposium

Activity Directors

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Agenda

5:30 PM	Registration	7:40 PM	Molecular Mechanism of Cardiovascular Disease in Inflammatory Arthritis <i>Stanley Hazen, MD, PhD</i>
6:15 PM	Dinner	8:00 PM	The Effect of Cytokines and Remittive Therapy for Inflammatory Arthritis on Cardiovascular Outcomes <i>Josef Smolen, MD</i>
6:55 PM	Introductions <i>Leonard Calabrese, DO</i>	8:20 PM	Treatment Guidelines for Cardiovascular Disease in Inflammatory Arthritis <i>Joan M. Bathon, MD</i>
7:00 PM	The Epidemiology of Increased Cardiovascular Death in Inflammatory Arthritis <i>Elaine Husni, MD</i>	8:40 PM	Panel Discussion & Questions
7:20 PM	Noninvasive Imaging for Early Cardiovascular Disease in Inflammatory Arthritis <i>Steven Nissen, MD</i>	9:00 PM	Adjourn

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 & Cardiovascular Disease in Inflammatory Arthritis: Getting to the Heart of the Matter Symposium, (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.

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

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



Web Address: www.ccfcm.org/heartmatter09

Pre-registrations are accepted by fax or online until 4:00 pm ET May 4, 2009. 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.

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 2 weeks prior to the activity.

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 2 *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 2 *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.

Registration

Course 011633 Office Use Only

Fee _____ Date _____

M.O.P. _____ CXL/Fee _____

Cardiovascular Disease in Inflammatory Arthritis: Getting to the Heart of the Matter Symposium

May 6, 2009 | 5:30 pm to 9:00 pm

REGISTRATION FEE: COMPLIMENTARY

Registration includes syllabus and dinner.

- Physician
 Resident/Fellow
 Nurse
 Nurse Practitioner
 Physician Assistant
 Other (Specify: _____)

ONLINE REGISTRATION

Go to: www.ccfcmec.org/heartmatter09

Once registered online, please do not mail or fax in a registration form.

CCF main campus, family health center, and CCHS community hospital employees should register at the above web address.

Complete the information below if registering by mail or fax:

PLEASE PRINT CLEARLY

Last Name First Name MI

Degree/Title Specialty

Office/Institution

Preferred Mailing Address

City/State/Zip

Office Phone Office Fax

E-mail Address

FAX NUMBER: 216-448-0783

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