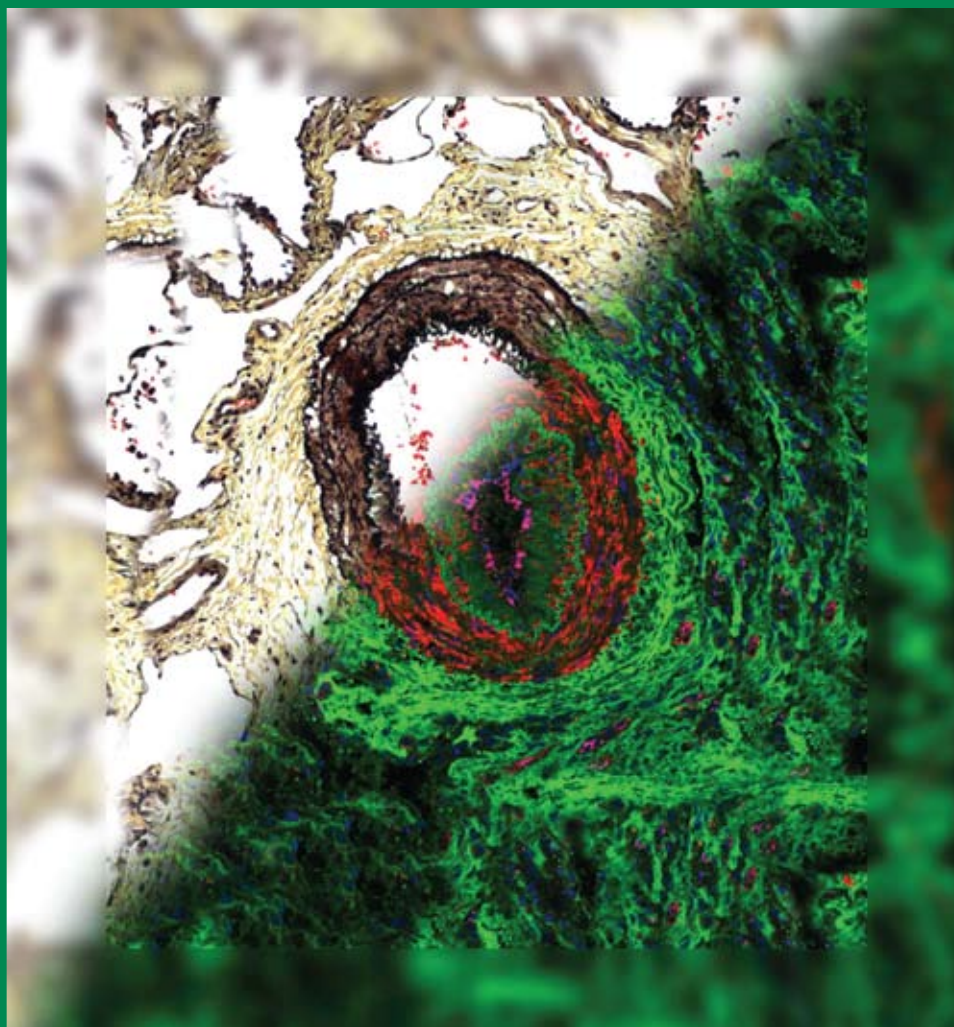


Pulmonary Hypertension Summit 2009

Translating Discoveries Into Patient Care

November 20 – 21, 2009

InterContinental Hotel & Bank of America Conference Center
Cleveland, Ohio



Register Today! www.ccfcmcme.org/PulHyper09



Overview

The Pulmonary Hypertension Summit brings together leaders in the field of pulmonary hypertension to discuss recent advances and future directions of medical care in this area.

The Summit will highlight disease mechanisms and pathophysiology, the diagnosis, evaluation, and medical management of the patient with pulmonary hypertension.

Expert speakers will present the recent advances in the context of challenges faced by physicians and other health care providers caring for these patients. Practical aspects of patient management will be covered using a case-based discussion format.

Learning Objectives

After completing this activity, the attendee will be able to do the following:

- Describe advances in the management of pulmonary hypertension.
- Determine when to suspect pulmonary hypertension and how to diagnose it.
- Explain the current approach to pulmonary hypertension in the presence of associated or underlying disease(s).
- Create a case-based approach to the practical aspects of pulmonary hypertension management.

Target Audience

This educational activity is designed for physicians, physician assistants, and nurses with an interest in pulmonary disorders, rheumatologic diseases, and cardiovascular diseases. The case-based and practical approach of the sessions will make this extremely relevant for internal medicine and primary care physicians.

Patients who suffer from pulmonary hypertension will find the didactic sessions to be informative. There will be patient-focused question and answer sessions about issues relevant to the concerns of PH patients such as dietary restrictions, travel, and medication management. These sessions will offer ample opportunity to clarify issues regarding patient care.

Summit Directors

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Associate Professor of Medicine
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PAH Patient
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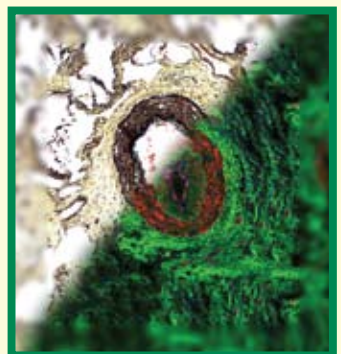
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Medicine
Heart and Vascular Institute

Weiling Xu, MD

Department of Pathobiology
Lerner Research Institute
Heart and Vascular Institute

Katie Zak

Pulmonary Vascular Program
Respiratory Institute





Agenda | Friday, November 20, 2009

7:00 am **Registration/Continental Breakfast/Exhibits**

7:45 am **Opening Remarks**
Raed Dweik, MD

Pulmonary Arterial Hypertension: State of the Art I **Pulmonary Vascular Issues in Liver Transplantation**

Moderators: *Raed Dweik, MD; William Carey, MD*

8:00 am **Porto-Pulmonary Hypertension**
Michael Krowka, MD

8:30 am **Hepato-Pulmonary Syndrome**
James Stoller, MD

9:00 am **Panel Discussion: Questions and Answers**
Michael Krowka, MD; James Stoller, MD; Raed Dweik, MD; William Carey, MD

9:30 am **Refreshment Break/Exhibits**

Pulmonary Hypertension Associated with...

Moderators: *Muzaffar Ahmad, MD; Randall Starling, MD*

9:45 am **Pulmonary Hypertension in Scleroderma: Similarities and Differences**
Paul Hassoun, MD

10:15 am **Pulmonary Hypertension in Lung Disease: Epidemiology, Diagnosis, and Clinical Impact**
Joseph Parambil, MD

10:45 am **Treating Pulmonary Hypertension in Lung Disease: Are We Doing Enough?**
Omar Minai, MD

11:15 am **Pulmonary Hypertension Associated with Left Heart Disease**
David Taylor, MD

11:45 am **Pulmonary Hypertension in Patients with Shunts and Congenital Heart Disease**
Richard Krasuski, MD

12:15 pm **Panel Discussion: Questions and Answers**
Muzaffar Ahmad, MD; Paul Hassoun, MD; Richard Krasuski, MD; Omar Minai, MD; Joseph Parambil, MD; Randall Starling, MD; David Taylor, MD

12:30 pm **Lunch**

Pulmonary Arterial Hypertension: State of the Art II

Moderators: *Steven Kawut, MD; Raed Dweik, MD*

1:30 pm **Biomarkers and Imaging in Pulmonary Arterial Hypertension**
Steven Kawut, MD

2:00 pm **Genetics in Pulmonary Hypertension: What's New?**
Micheala Aldred, PhD

2:30 pm **Novel Biomarkers**
Raed Dweik, MD

2:45 pm **Panel Discussion: Questions and Answers**
Steven Kawut, MD; Micheala Aldred, PhD; Raed Dweik, MD

3:00 pm **Refreshment Break/Exhibits**

The Future of Pulmonary Hypertension: Focus on Research

Moderators: *Serpil C. Erzurum, MD; Raed Dweik, MD*

3:15 pm **Novel Therapies in PAH: Focus on the Nitric Oxide Pathway**
Nitrite Therapeutics: Back to the Future: *Mark Gladwin, MD*
NOS Coupling: *Ivan Robbins, MD*
Arginine Metabolism: *Wilson Tang, MD*

5:15 pm **Novel Mechanisms of Disease**
Stem Cells: *Kewal Asosingh, PhD*
Hyaluronan: *Metin Aytekin, PhD*
Mitochondria: *Weiling Xu, MD*

5:45 pm **Panel Discussion: Questions and Answers**
Serpil Erzurum, MD; Raed Dweik, MD; Mark Gladwin, MD; Ivan Robbins, MD; Wilson Tang, MD; Kewal Asosingh, PhD; Metin Aytekin, PhD; Weiling Xu, MD

6:00 pm **Closing Remarks**
Raed Dweik, MD



Agenda | Saturday, November 21, 2009

6th Annual Pulmonary Arterial Hypertension Symposium

7:00 am **Registration/Continental Breakfast/Exhibits**

7:45 am **Opening Remarks**
Omar Minai, MD

Pulmonary Hypertension: Practical Aspects

Moderator: *Omar Minai, MD*

8:00 am **Pathologic Correlates of Pulmonary Hypertension**
Carol Farver, MD

8:30 am **Diagnostic Algorithm for Pulmonary Hypertension**
Gustavo Heresi, MD

9:00 am **Update from the REVEAL Registry**
David Badesch, MD

9:30 am **Pulmonary Hypertension: An Update on the Recent Classification and Treatment Guidelines**
Ivan Robbins, MD

10:00 am **Utility of BNP in PAH**
Omar Batal, MD

10:10 am **Safety and Efficacy of TIPS in PH**
Amit Bhatt, MD

10:20 am **Impact of Sildenafil on Cardiac Structure and Function in PAH**
Praneet Kumar, MD

10:30 am **Refreshment Break/Exhibits**

Case Discussions: Interesting Cases With PAH and Non-PAH PH

Moderator: *Omar Minai, MD*

10:45 am **Case Presenters:** *Ariel Modrykamien, MD; Puneet Garcha, MD; Rachel Taliercio, MD*
Panel: *Paul Hassoun, MD; Ivan Robbins, MD; David Badesch, MD; Raed Dweik, MD; Richard Krasuski, MD; Gustavo Heresi, MD; Joseph Parambil, MD*

1:00 pm **Pulmonary Hypertension: Patient and Family Lunch**

**Creating Change Beyond our Numbers:
A Story of PAH, PHA, and You**
Keynote Speaker: *Rino Aldrighetti*



Patient-Oriented Sessions

Moderators: *Nancy Bair, CNS; Svetlana Banjac, CNP; Merle Reeseman; Gustavo Heresi, MD*

2:00 pm **Pulmonary Hypertension: The Basics**
Nancy Bair, CNS

2:20 pm **Echocardiography and Cardiac Catheterization**
Maria Mountis, DO; Margaret Park, RVT, RDCS, FASE

2:40 pm **Anticoagulation, Through Thick and Thin**
Lisa Potts, Pharm D

3:00 pm **Specialized Pulmonary Hypertension Medicines**
Hina Sahi, MD; Constance Jennings, MD

3:20 pm **Refreshment Break/Exhibits**

3:35 pm **Promoting Healthy Lifestyles: Nutrition, Exercise and Rehab**
Erin Dweik, RD, LD; Scott Marlow, RRT; Loutfi Aboussouan, MD

3:55 pm **Achieving Balance and Emotional Well Being for the Patient and Caregiver**
Jean Elwing, MD; Cheryl Arnett, RN

4:25 pm **Pulmonary Hypertension: Focus on Basic Discovery Research
(also visit ongoing display and posters)**
Suzy Comhair, PhD; Metin Aytekin, PhD; Sarah Haserodt; Alquam Mashir; Weiling Xu, MD

4:35 pm **Pulmonary Hypertension: Focus on Clinical and Translational Research**
Mary McAllister, RN; Jacqueline Sharp, RN; Deepa George, MD; Jennie Newman; Katie Zak

4:45 pm **Closing Remarks**
Gustavo Heresi, MD

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 October 19, 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 Pulmonary Hypertension Summit, (online code EL4)** for a special rate of \$189 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 Summit, contact UNITECH Communications® at:

Local: 216-448-0770
Toll Free: 800-238-6750

Web Address: www.ccfme.org/PulHyper09

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

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

Registration and Cancellation

Pre-registrations are accepted by fax or online until 5:00 pm EST November 16, 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 November 9, 2009. After that, a \$50 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 DECEMBER 31, 2009.**

Parking

Free parking is available in the 100th Street Visitor's Parking Garage. Bring your parking ticket to the Summit registration desk for validation (self-park only). Valet parking is available at the hotel for an additional charge.

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.

Participants Claiming CME credit from this activity may submit the credit hours to the American Osteopathic Association Council on Continuing Medical Education for Category 2 credit.

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. Nurses from other states should contact their State Board of Nursing.

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.

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 or 800-238-6750 at least two weeks prior to the activity.



Registration Form

Pulmonary Hypertension Summit 2009

November 20 – 21, 2009

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

Course No. 011624
Office Use Only

Fee _____ Date _____

MOP _____ CXL/Fee _____

Fees include syllabus, continental breakfasts, two lunches, and refreshment breaks.

	Full Summit		Per Day	
			<input type="checkbox"/> Friday	<input type="checkbox"/> Saturday
	Prior to 11/19/09	Onsite	Prior to 11/19/09	Onsite
<input type="checkbox"/> Physician	\$250	\$275	\$150	\$175
<input type="checkbox"/> CCF Alumni	\$150	\$175	\$100	\$125
<input type="checkbox"/> Corporate	\$350	\$375	\$200	\$225
<input type="checkbox"/> Allied Health/Non-Physician	\$150	\$175	\$100	\$125
<input type="checkbox"/> Nurse/Nurse Practitioner	\$150	\$175	\$100	\$125
<input type="checkbox"/> Resident/Fellow*	\$150	\$175	\$100	\$125

* Letter from program director must be received prior to the Summit to receive this fee.

Patients are invited to attend at no charge. Seating is limited. Please call 216-445-5763 to register before November 20, 2009.

Register Online

www.ccfcmec.org/PulHyper09

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

CCF main campus, family health centers, and CCHS community hospital employees (physicians and non-physicians) please register online at the above web address.

Complete the information below if registering by mail or fax:

Please Print

LAST NAME:	FIRST NAME:	MI:
DEGREE/TITLE:	SPECIALTY:	
OFFICE/INSTITUTION:		
PREFERRED MAILING ADDRESS:		
CITY:	STATE:	ZIP:
OFFICE NUMBER:	OFFICE FAX:	
EMAIL ADDRESS:		

I require vegetarian meals.

Total amount enclosed or to be charged \$ _____

Make check payable to: The Cleveland Clinic Educational Foundation

or charge to the following account: Visa Mastercard American Express Discover

CARD NUMBER:	EXPIRATION DATE:
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