

UAB MEDICINE

PULMONARY, ALLERGY & CRITICAL CARE
UAB SCHOOL OF MEDICINE



University of Alabama at Birmingham

Pulmonary & Critical Care Update

April 28–29, 2017

DoubleTree Hotel

808 South 20th Street
Heritage I Room
Birmingham, AL

Featured Annual Lectures

Neil Aggarwal, MD

Lung Biology and Disease Branch Chief
National Heart, Lung, and Blood Institute

Fernando J. Martinez, MD, MS

Chief, Division of Pulmonary and
Critical Care Medicine
A. Bruce Webster Professor of Medicine
Weill Cornell Medical College, New York, NY

Register online
uab.edu/pulmonaryupdate

For more information: 205-975-6376

Sponsored by the University of Alabama School of Medicine
6.5 AMA PRA Category 1 credit(s)TM

BASIC & TRANSLATIONAL RESEARCH SYMPOSIUM

FRIDAY, APRIL 28, 2017

Heritage I, 9:00 am – 5:00 pm

9:00 – 9:20 am	Registration & Breakfast (Meeting Space Lobby and Heritage I)	2:30 – 2:45 pm	Break
9:20 – 9:30 am	Welcome/Opening Remarks Victor J. Thannickal, MD	2:45 – 4:00 pm	Session 3: Chair: Amit Gaggar, MD, PhD T32 Trainees: Research Update 15-minute talks (including 3 minutes of discussion) Location dependent signals fine-tune dendritic cell control of Th2 responses Miranda Curtiss, MD, PhD Exosomes from activated human neutrophils produce COPD-like disease in mice Kristopher Genschmer, PhD mRNA directed cystic fibrosis therapeutics Ren-Jay Shei, PhD Cigarette smoke impairs alveolar macrophage host defense Jennifer Casey, PhD Novel models for predicting CFTR modulator efficacy in cystic fibrosis Jennifer Guimbellot, MD, PhD Roundtable Discussion of NHLBI-DLD Funding Opportunities with Junior Faculty/Trainees Neil Aggarwal, MD Cocktail Reception/Poster Session (Centennial 1&2) Awards (Meeting Space Lobby) Fellows Reunion Dinner (Heritage I) Roast and Toast/Dick Briggs, MD
9:30 – 11:00 am	Session 1: Chair: Jessy Deshane, PhD 30-minute talks (including 10 minutes of discussion) 9:30 – 10:00 am Matrikines at the interface of injury and inflammation in chronic lung disease Amit Gaggar, MD, PhD 10:00 – 10:30 am Novel immunity to pneumococcus Moon Nahm, MD 10:30 – 11:00 am Lung stem cells and their niches Stijn De Langhe, PhD	4:00 – 5:00 pm	
11:00 – 11:15 am	Break	5:00 – 6:45 pm	
11:15 – Noon	Keynote Speaker – Strategic Vision for Pulmonary Research within NHLBI/DLD Neil Aggarwal, MD Lung Biology and Disease Branch Chief National Heart, Lung, and Blood Institute	6:45 – 7:00 pm	
Noon – 1:00 pm	Lunch (Meeting Space Lobby and Heritage I)	7:00 – 9:00 pm	
1:00 – 2:30 pm	Session 2: Chair: Rui-Ming Liu, PhD 30-minute talks (including 10 minutes of discussion) 1:00 – 1:30 pm Environmental exposures and autoantibodies in chronic lung diseases Veena Antony, MD 1:30 – 2:00 pm Natural repertoire development, environmental influences and immunological consequences. Rodney King, PhD 2:00 – 2:30 pm Pharmacologic targeting of alpha-7 nicotinic acetylcholine receptors in COPD Vamsee Raju, DVM, PhD		

PULMONARY & CRITICAL CARE UPDATE

Saturday, April 29, 2017

Heritage I, 7:30 am – 4:10 pm

7:30 – 8:00 am	Registration & Breakfast (Meeting Space Lobby and Heritage I)	Noon – 1:00 pm	Lunch (Meeting Space Lobby and Heritage I)
8:00 – 8:05 am	Welcome/Opening Remarks Victor J. Thannickal, MD	1:00 – 1:45 pm	Interventional pulmonary case discussion Hitesh Batra, MD/Joseph Thachuthara-George, MD A series of vignettes presented by fellows and discussed by IP experts
8:05 – 8:50 am	ILD Case Discussions ILD/Radiology/Path Series of vignettes presented by fellows and discussed by a multidisciplinary ILD team	1:45 – 2:30 pm	Fellows' clinical research presentations Talk A. (15-minute presentation of clinical/outcomes research findings by a fellow; based on abstract submissions) Talk B. (15-minute presentation of clinical/outcomes research findings by a fellow; based on abstract submissions)
8:50 – 9:15 am	Anti-fibrotic therapies in IPF Joao AM de Andrade, MD	2:30 – 2:45 pm	Break
9:15 – 9:35 am	What is new in lung transplantation Vincent Valentine, MD	2:45 – 3:15 pm	Pragmatic clinical trials in the ICU Matt Semmler, MD, Vanderbilt University School of Medicine Derek Russell, MD
9:35 – 10:00 am	Extracorporeal life support in advanced lung disease Keith M. Wille, MD	3:15 – 3:35 pm	Sepsis definitions (Sepsis-3)/CMS and process improvement James "Stu" Booth, MD, MSHI
10:00 – 10:15 am	Break	3:35 – 4:10 pm	Critical care update: Evolving paradigms of care in the ICU W. Steve Stigler, MD
10:15 – 10:35 am	Therapeutic advances in COPD James Michael Wells, MD		
10:35 – 11:00 am	Telehealth and pulmonary rehabilitation in Alabama Surya P. Bhatt, MD		
11:00 am – Noon	Keynote Address - IPF: Summary of COMET Studies Fernando J. Martinez, MD, MS Chief, Division of Pulmonary and Critical Care Medicine A. Bruce Webster Professor of Medicine Weill Cornell Medical College, New York, NY		

ABOUT DICK BRIGGS, MD



Dick Briggs, MD, received his bachelor of science from the University of the South, Sewanee, Tenn., and his medical degree from Washington University in St. Louis, Mo. Following an internal medicine residency and chief residency under Walter Frommeyer, MD, at UAB Hospital, he completed his pulmonary fellowship training and joined the faculty of the School of Medicine at UAB. With the exception of two years in the United States Air Force, his entire academic career has been spent on the faculty at the University of Alabama School of Medicine as a clinician, distinguished teacher, and clinical scholar.

Dr. Briggs has been the president of the American College of Chest Physicians, a founding member and president of the Association of Pulmonary and Critical Care Medicine Program Directors, chairman of the American Board of Internal Medicine Pulmonary Disease Board, and a member of the Board of Governors of the American Board of Internal Medicine. In 1995, he received the Breath of Life award from the Cystic Fibrosis Foundation, and he was named laureate of the Alabama American College of Physicians.

FACULTY

Victor J. Thannickal, MD
Professor and Director, Division of Pulmonary, Allergy, and Critical Care Medicine, UAB

Jessy Deshane, PhD
Associate Professor, Division of Pulmonary, Allergy, and Critical Care Medicine, UAB

Amit Gaggar, MD, PhD
Professor, Division of Pulmonary, Allergy, and Critical Care Medicine, UAB

Moon Nahm, MD
Professor, Division of Pulmonary, Allergy, and Critical Care Medicine, UAB

Stijn De Langhe, PhD
Associate Professor, Division of Pulmonary, Allergy, and Critical Care Medicine, UAB

Neil Aggarwal, MD
Lung Biology and Disease Branch Chief, National Heart, Lung, and Blood Institute

Rui-Ming Liu, PhD
Professor, Division of Pulmonary, Allergy, and Critical Care Medicine, UAB

Veena Antony, MD
Professor, Division of Pulmonary, Allergy, and Critical Care Medicine, UAB

Rodney King, PhD
Assistant Professor, Department of Microbiology, UAB

Vamsee Raju, DVM, PhD
Assistant Professor, Division of Pulmonary, Allergy, and Critical Care Medicine, UAB

Joao A M de Andrade, MD
Professor, Division of Pulmonary, Allergy, and Critical Care Medicine, UAB

Vincent Valentine, MD
Professor, Division of Pulmonary, Allergy, and Critical Care Medicine, UAB

Keith M. Wille, MD
Associate Professor, Division of Pulmonary, Allergy, and Critical Care Medicine, UAB

James Michael Wells, MD
Assistant Professor, Division of Pulmonary, Allergy, and Critical Care Medicine, UAB

Surya P. Bhatt, MD
Assistant Professor, Division of Pulmonary, Allergy, and Critical Care Medicine, UAB

Fernando J. Martinez, MD, MS
Chief, Division of Pulmonary and Critical Care Medicine, A. Bruce Webster Professor of Medicine, Weill Cornell Medical College

Hitesh Batra, MD
Assistant Professor, Division of Pulmonary, Allergy, and Critical Care Medicine, UAB

Joseph Thachuthara-George, MD
Assistant Professor, Division of Pulmonary, Allergy, and Critical Care Medicine, UAB

James "Stu" Booth, MD, MSHI
Assistant Professor, Department of Emergency Medicine, UAB

W. Steve Stigler, MD
Assistant Professor, Division of Pulmonary, Allergy, and Critical Care Medicine, UAB

CONFERENCE REGISTRATION

Proceeds benefit the UAB Pulmonary Education fund. Register online at uab.edu/pulmonaryupdate or complete the following form, print and mail.

Name _____
Degree _____ Specialty _____
Mailing Address _____

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Mail to: Pulmonary Update 2017
Attn: Becky Wallace
UAB Division of Pulmonary, Allergy, and Critical Care Medicine
1900 University Blvd.
Tinsley Harrison Tower 422
Birmingham, AL 35294
205-975-6376

Registration for Basic and Translational Research Program
Friday, April 28, 9:00 am–5:00 pm (no registration fee)
Attending Yes No

Registration for Reunion Dinner and Roast
Friday, April 28, 7:00 pm–9:00 pm
___ Registered Physicians (Dinner included in registration fee)
___ All others and each additional Guest (\$60)

Registration for Pulmonary and Critical Care Update
Saturday, April 29, 7:30 am–4:10 pm
___ Physicians (\$275)
___ Fellows and Residents in Training (\$0)
___ Nurses and RTs (\$100)

DoubleTree Hotel Reservations
808 South 20th Street
Birmingham, AL 35205
(205) 933-9000
www.birmingham.doubletree.com

The deadline for the discounted room rate is April 12.
Group code for discounted rate: PAC

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BASIC & TRANSLATIONAL RESEARCH SYMPOSIUM

Friday, April 28, 2017

PULMONARY & CRITICAL CARE UPDATE

Saturday, April 29, 2017



The University of Alabama School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of Alabama School of Medicine designates this live activity for a maximum of *6.5 AMA PRA Category 1 credit(s)*TM. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

UAB is an Equal Opportunity/Affirmative Action Employer committed to fostering a diverse, equitable, and family-friendly environment in which all faculty and staff can excel and achieve work/life balance irrespective of ethnicity, gender, faith, gender identity and expression, as well as sexual orientation. UAB also encourages applications from individuals with disabilities and veterans.



LEARNING OBJECTIVES

After participating in this CME activity, participants should be able to:

- Understand the approach to diagnosis and management of fibrotic lung diseases including idiopathic pulmonary fibrosis (IPF)
- Increase awareness of advances in pulmonary rehabilitation delivery and management of chronic obstructive pulmonary disease (COPD)
- Understand the indications for new diagnostic and therapeutic techniques offered by interventional pulmonology
- Appreciate novel approaches to the investigation, management, and process improvement of critical illness
- Learn about the newest treatments and techniques (ECMO, transplant) for advanced lung diseases including COPD, pulmonary fibrosis, and acute respiratory distress syndrome (ARDS)

TARGET AUDIENCE: This activity is designed for pulmonary and critical care physicians, primary care physicians, fellows, nurses, and respiratory therapists wanting to increase their knowledge in pulmonary and critical care medicine.

