



## ACCREDITATION

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

The University of Alabama School of Medicine designates this educational activity for a maximum of 6.75 *AMA PRA Category 1 credit(s)*<sup>TM</sup>. Physicians should only claim credit commensurate with the extent of their participation in the activity.

The University of Alabama School of Medicine is an equal opportunity/affirmative action institution.

Target audience: Rheumatologists.

No prerequisites.

Supported in part by the UAB Lowe Fund

## **The 59th Annual Lowe Conference on Rheumatic Diseases**

Friday, September 26, 2014 through  
Sunday, September 28, 2014  
Stough Lodge, Camp McDowell  
[www.campmcdowell.dioala.org/](http://www.campmcdowell.dioala.org/)

*Sponsored by:*

*The Division of Clinical Immunology  
and Rheumatology  
and  
The University of Alabama School of Medicine  
  
The University of Alabama at Birmingham*

## Schedule of Events

### Friday, September 26, 2014

6:30 PM Hors d'oeuvres and Cash Bar  
Division Faculty and Fellows, Lowe  
Conference speakers and participants  
UAB National Alumni Society House  
1301 - 10<sup>th</sup> Avenue South  
Birmingham, AL 35233  
205 934-3555

### Saturday, September 27, 2014

Individual departures by car for Camp McDowell

8:00 AM Breakfast (Hot at 8:00, Continental at 8:30)

9:00 AM Welcome  
S. Louis Bridges, Jr., MD, PhD  
Director, Division of Clinical  
Immunology and Rheumatology  
University of Alabama at Birmingham

9:05 AM *Systemic Sclerosis: What's New in 2014*  
Marcy B. Bolster, MD  
Director, Rheumatology Fellowship  
Training Program  
Massachusetts General Hospital  
Harvard Medical School  
Boston, MA

10:00 AM Coffee Break

10:05 AM *The Role of Natural Selection in the  
Regulation and Antigen Reactivity of  
Lymphocyte Receptor Repertoires*  
Harry W. Schroeder, Jr, MD, PhD  
Professor of Medicine, Microbiology, and  
Genetics  
John Irby Research Scholar  
UAB Division of Clinical Immunology &  
Rheumatology

11:00 AM *Giant Cell Arteritis: Many Answers to  
FAQs*  
Eric L. Matteson, MD, MPH  
Chair, Division of Rheumatology  
Mayo Clinic College of Medicine  
Rochester, MN

12:00 PM Group Photograph

12:05 PM Lunch (in lunchroom)

5:30 PM Howard L. Holley 5K Fun Run  
and 1 mile walk

6:30 PM Dinner

7:15 PM *Case Presentations by Current UAB  
Rheumatology Fellows*  
S. Louis Bridges, Jr., MD, PhD

### Sunday, September 28, 2014

8:00 AM Breakfast

8:55 AM *Presentation of the Ninth Annual  
Gene V. Ball, MD Award for  
Outstanding Case Presentation*  
S. Louis Bridges, Jr., MD, PhD

9:00 AM *Macrophage Activation Syndrome-Optimizing  
Recognition and Outcomes*  
W. Winn Chatham, MD  
Professor of Medicine  
Louis Heck Clinical Scholar  
UAB Division of Clinical Immunology and  
Rheumatology

10:00 AM Coffee Break

10:05 AM *Disappearing Act?: Extra-articular  
Manifestations of Rheumatoid Arthritis*  
Eric L. Matteson, MD, MPH

11:00 AM *Rheumatology Education: 2014*  
Marcy B. Bolster, MD

12:00 PM Adjourn for Lunch

### Educational Objectives:

#### *Systemic Sclerosis: What's New in 2014*

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

1. Discuss the recent updated classification criteria for systemic sclerosis.
2. Describe a screening algorithm for the detection of pulmonary artery hypertension in patients with systemic sclerosis.
3. Distinguish the insidious presentation of cardiac involvement in patients with systemic sclerosis.

#### *The Role of Natural Selection in the Regulation and Antigen Reactivity of Lymphocyte Receptor Repertoires*

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

1. Review the mechanisms used to regulate the composition

- of lymphocyte receptor repertoires.
2. Appreciate the relationship between natural selection of lymphocyte receptor genes and development of autoreactivity.
3. Understand the inter-relationship between natural selection of lymphocyte receptor genes and antibody deficiency.

#### *Giant Cell Arteritis: Many Answers to FAQs*

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

1. Define epidemiology and clinical presentation of giant cell arteritis.
2. Appraise evidence for diagnostic testing in giant cell arteritis.
3. Review management of large vessel disease in giant cell arteritis.

#### *Macrophage Activation Syndrome-Optimizing Recognition and Outcomes*

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

1. Review the clinical manifestations of macrophage activation syndrome (MAS) and their relationship to systemic juvenile idiopathic arthritis (SJIA) and adult-onset Still disease.
2. Appreciate the pathogenetic mechanisms underlying MAS.
3. Understand the approach to diagnosis and treatment of this potentially life-threatening illness.

#### *Disappearing Act? Extra-articular Manifestations of Rheumatoid Arthritis*

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

1. Explain the changing epidemiology and clinical course of rheumatoid arthritis.
2. Evaluate the clinicopathologic correlates of extraarticular disease, with a focus on lung disease.
3. Review management of extra articular disease in rheumatoid arthritis.

#### *Rheumatology Education: 2014*

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

1. Discuss adult learning theory.
2. Recognize the strengths and value of the Next Accreditation System for Rheumatology Fellow training.
3. Determine the role of direct observation in the learning process.