

The UAB Center for Metabolic Bone Disease Presents:

SCIENTIFIC SYMPOSIUM ON BONE BIOLOGY AND DISEASE

Sponsored by UAB Division of Continuing Medical Education

Wednesday, March 26, 2008 • UAB West Pavilion Conference Center, Conference Room E

Open to all health professionals

8:00-8:30 a.m.	Registration/Continental Breakfast	10:00-10:30 a.m.	The Osteoclast Cytoskeleton: How Does it Work and What Does it Do? Steven L. Teitelbaum, M.D. <i>Wilma & Roswell Messing Professor, Department of Pathology and Immunology Washington University School of Medicine</i>
8:30-8:40 a.m.	Welcome and Overview of Center Activities Jay M. McDonald, M.D. <i>Robert and Ruth Anderson Professor and Chair, Department of Pathology; Director, UAB Center for Metabolic Bone Disease; and Editor-In-Chief, The American Journal of Pathology The University of Alabama at Birmingham</i>	10:30-10:35 a.m.	Questions and Answers
8:40-8:50 a.m.	Symposium Chair Thomas L. Clemens, Ph.D. <i>Professor and Director, Division of Molecular and Cellular Pathology; Director, Howard Hughes UAB Med-Grad Fellowship Program; and Editor-In-Chief, Journal of Bone and Mineral Research The University of Alabama at Birmingham</i>	10:35-10:50 a.m.	Break
8:50-9:20 a.m.	Discovering Both New Functions for Osteocytes Lynda F. Bonewald, PhD <i>Curators Professor; Lefkowitz Professor of Oral Biology; and Director, Bone Biology Research Program School of Dentistry University of Missouri at Kansas City</i>	10:50-11:20 a.m.	Expanding Horizons of Skeletal Physiology and Pathophysiology Mone Zaidi, MD, PhD, FRCP <i>Professor, Department of Medicine; and Director, Mount Sinai Bone Program Mount Sinai School of Medicine</i>
9:20-9:25 a.m.	Questions and Answers	11:20-11:25 a.m.	Questions and Answers
9:25-9:55 a.m.	Cell Systems and Targets of PTH Action in Bone Laurie K. McCauley, DDS, PhD <i>William K. and Mary Anne Najjar Professor; and Chair, Department of Periodontics and Oral Medicine School of Dentistry University of Michigan</i>	11:25-11:40 a.m.	Calcineurin Deletion in Osteoblasts: The Young, The Old and The Boneless Majd Zayzafoon, M.D., Ph.D. <i>Assistant Professor, Department of Pathology The University of Alabama at Birmingham</i>
9:55-10:00 a.m.	Questions and Answers	11:40-11:45 a.m.	Questions and Answers
		11:45-12:00 p.m.	Pilot Study Overview: "Role of Hypoxia in Bone Formation" Shawn R. Gilbert, M.D. <i>Assistant Professor, Department of Surgery The University of Alabama at Birmingham</i>
		12:00-12:05 p.m.	Questions and Answers
		12:05-12:20 p.m.	The Function of an Immunoreceptor Tyrosine-Based Inhibitory Motif Containing Molecule in Osteoclastogenesis Hui Wu, PhD <i>Assistant Professor, Department of Pediatric Dentistry The University of Alabama at Birmingham</i>
		12:25 p.m.	Closing Remarks Jay M. McDonald, M.D.

This Scientific Symposium is:

- Sponsored by the UAB Center for Metabolic Bone Disease and the Division of Continuing Medical Education; and
- Supported by NIH/NIAMS

Course Objectives:

- Analyze comprehensive health and scientific issues in osteoporosis and bone metastasis;
- Discuss basic bone cell biology; and
- Review new diagnostic and therapeutic modalities for treating osteoporosis.

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