I am happy to announce that the CMBD will host a Scientific Symposium on Metabolic Bone Disease on Wednesday, May 17, 2006. This is being held in conjunction with an external review of the CMBD. We are delighted to have assembled an outstanding panel of experts for both the symposium and the review. In addition, three currently funded NIH/NIAMS pilot-project-recipients, Drs. Majd Zayzafoon, Shawn R. Gilbert and Hui Wu, will give a brief overview of their projects. Also, note that a continental breakfast will be provided.

Below is the schedule for this symposium. We welcome your attendance.

Jay M. McDonald, M.D., Director, Center for Metabolic Bone Disease
Email: CMBD@path.uab.edu; Office: 205-934-6666; Website: http://cmbd.path.uab.edu

SCIENTIFIC SYMPOSIUM ON METABOLIC BONE DISEASE
Wednesday, May 17, 2006; UAB West Pavilion Conference Center, Conference Room E

Moderator: Thomas L. Clemens, Ph.D.
Professor and Director; Division of Molecular and Cellular Pathology; and Director; Howard Hughes UAB Med-Grad Fellowship Program
The University of Alabama at Birmingham
10:00-10:30 a.m. Do Your Bones Care What Your Muscles Are Doing?
Ted S. Gross, Ph.D.
Associate Professor, Dept. of Orthopaedics and Sports Medicine; and
Director, Orthopaedic Science Laboratories
University of Washington

7:30-8:00 a.m. Registration/Continental Breakfast
10:30-11:00 a.m. TGFβ in Bone Metastases
Theresa A. Guise, M.D.
Gerald D. Aurbach Professor of Endocrinology, Department of Internal Medicine; and
Director, Osteoporosis and Metabolic Bone Disease Clinic
University of Virginia

8:00-8:20 a.m. Welcome and Overview of Center Activities
Jay M. McDonald, M.D.
Professor and Chair, Dept. of Pathology; Director, Ctr for Metabolic Bone Disease; and
Editor-In-Chief, The American J. of Pathology
The University of Alabama at Birmingham

8:20-8:40 a.m. Priorities and Trends at NIAMS and NIH
William J. Sharrock, Ph.D.
Health Science Administrator
National Institutes of Health
National Institute of Arthritis and Musculoskeletal and Skin Diseases

8:40-9:10 a.m. Vitamin D as a Defensin
John S. Adams, M.D.
Firestein Professor of Medicine; Director, Division of Endocrinology; and
Program Director, General Clinical Research Center, Cedars-Sinai Medical Center
University of California-Los Angeles

9:10-9:40 a.m. Osteocytes As Dynamic, Not Passive Cells
Lynda F. Bonewald, PhD
Curatory Professor; Lefkowitz Professor of Oral Biology; and
Director, Bone Biology Research Program
School of Dentistry
University of Missouri at Kansas City

8:40-9:10 a.m. Pilot Study Overview: “NFAT Negatively Regulates Osteoblast Differentiation and Bone Formation”
Majd Zayzafoon, MD, PhD
Assistant Professor
Department of Pathology
The University of Alabama at Birmingham

9:40-10:00 a.m. Do Your Bones Care What Your Muscles Are Doing?
Ted S. Gross, Ph.D.
Associate Professor, Dept. of Orthopaedics and Sports Medicine; and
Director, Orthopaedic Science Laboratories
University of Washington

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Theresa A. Guise, M.D.
Gerald D. Aurbach Professor of Endocrinology, Department of Internal Medicine; and
Director, Osteoporosis and Metabolic Bone Disease Clinic
University of Virginia

11:00-11:30 a.m. The Pituitary in Control of Bone
Mone Zaidi, MD, PhD, FRCP
Professor, Department of Medicine; and
Director, Mount Sinai Bone Program
Mount Sinai School of Medicine

11:30-11:45 a.m. Pilot Study Overview: “Role of Hypoxia in Bone Formation”
Shawn R. Gilbert, MD
Assistant Professor
Department of Orthopedics
The University of Alabama at Birmingham

11:45-12:00 noon Pilot Study Overview: “Role of Hypoxia in Bone Formation”
Shawn R. Gilbert, MD
Assistant Professor
Department of Orthopedics
The University of Alabama at Birmingham

12:00-12:15 p.m. Pilot Study Overview: “Mechanisms of Oral Bacteria-Mediated Bone Resorption Via Toll-Like Receptors”
Hui Wu, PhD
Assistant Professor
Department of Pediatric Dentistry
The University of Alabama at Birmingham

12:15 p.m. Closing Remarks
Jay M. McDonald, M.D.