

DIRECTOR'S NOTES

The Center for Metabolic Bone Disease (CMBD) will host a scientific symposium focused on bone biology and disease on Wednesday, May 17, 2006, followed by an external review of the Center. We have assembled the following outstanding panel of experts for this: John S. Adams, MD, University of California-Los Angeles, Lynda F. Bonewald, PhD, University of Missouri-Kansas City, Ted S. Gross, PhD, University of Washington, Theresa A. Guise, MD, University of Virginia, and Mone Zaidi, MD, PhD, FRCP, Mount Sinai School of Medicine. More detailed information will follow later, but please place this date on your calendar.

The Small Animal Phenotyping Core has obtained a new high resolution MicroCT (Scanco) which has been acquired through a shared equipment grant from the Birmingham VA. The Core will operate this instrument and provide measurements of structural parameters of bone from mice and rats. To discuss the use of this MicroCT, please contact Timothy R. Nagy, PhD at 205-975-9640 (email: tnagy@uab.edu).

The CMBD NIH Institutional Training Grant has one postdoctoral fellow slot open. This slot can be filled by either a basic or clinical research fellow. Please contact me if you have an applicant.

I am happy to announce that the CMBD received another round of funding as a University-Wide Center in the amount of \$198,600/year for the next three years. The application was submitted in June, one month after the competitive renewal for the P30 NIH Research Core Center application. Below are highlights of the University-Wide Center application.

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>

HIGHLIGHTS OF THE UNIVERSITY-WIDE CENTER GRANT APPLICATION

The CMBD received a 1.37 priority score of its competitive renewal for University-wide funding which was submitted on June 30, 2005. Some highlights of the application include:

- The Human Bone Cell Production Core (Director: Xu Cao, PhD, Professor, Department of Pathology) was initiated in 1998. In the last 4 years it has supported 101 projects from 29 investigators.
- The Histomorphometry and Molecular Analyses Core (Director: Gene P. Siegal, MD, PhD, Professor Department of Pathology) opened in 2001. It has supported 151 projects in the past 4 years from 54 investigators.
- The Small Animal Bone Phenotyping Core (Director: Timothy R. Nagy, PhD, Associate Professor, Department of Nutrition Sciences) has supported 61 projects from 49 investigators in the past 2 years.
- The Osteoporosis Prevention and Treatment Clinic (Director, Sarah L. Morgan, MD, RD, FACP, Professor, Departments of Medicine and Nutrition Sciences) patient visits have grown from 405 in 1997 to 925 in 2004. DEXA scans have increased from 1,324 in 1997 to 3,854 in 2004.
- Intramural funding – HSF/GEF awards: Multiple faculty from multiple units have competed for over \$1.3 million in HSF/GEF awards.
- Space: Drs. McDonald, Linda Lucas and Joanne Murphy-Ullrich are overseeing the Biomolecular Engineering and Regenerative Space in the Shelby Building (two floors).
- Extramural funding: The NIH P30 Research Core Center grant is one of five such grants in the country. The NIH T32 Institutional Training grant is one of only a few such training grants in the country focused on bone biology and disease.
- Faculty recruitment: The CMBD has assisted in the recruitment of eight new faculty members in the last five years. These faculty members are in multiple departments and have shown success in obtaining extramural funding (total: \$2,622,066).
- Pilot projects: Since 1997 ten pilot projects supported by the CMBD have been completed. These ten investigators currently account for \$3,677,705 in annual extramural direct funding. Six pilot projects are currently being supported.

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>



Center for Metabolic Bone Disease
509 LHRB
1530 3RD AVE S
BIRMINGHAM AL 35294-0007

CMBD STEERING COMMITTEE

Samuel Brown, Jr., Ed.D.
Xu Cao, Ph.D.
Thomas L. Clemens, Ph.D.
Robert P. Kimberly, M.D.
William J. Koopman, M.D.
Cora E. Lewis, M.D., M.S.P.H.
Mary J. MacDougall, Ph.D.
Richard Mayne, Ph.D.
Jay M. McDonald, M.D.
Larry W. Moreland, M.D.
Sarah L. Morgan, M.D., R.D., F.A.C.P.
John D. Mountz, M.D., Ph.D.
Timothy R. Nagy, Ph.D.
Kenneth G. Saag, M.D., M.Sc.
Gene P. Siegal, M.D., Ph.D.
Timothy M. Wick, Ph.D.

MISSION OF THE CMBD

The mission of this Center is establishment of an infrastructure and provision of resources that support, catalyze and integrate basic research, clinical and outcomes/health services research, clinical activities and patient and physician education.