Musculoskeletal Research Center

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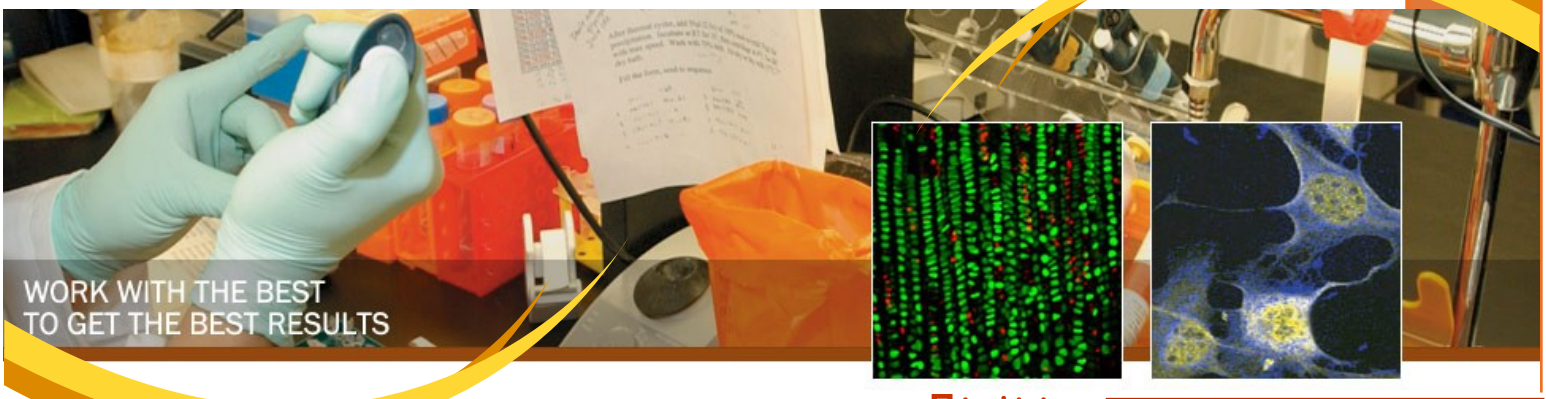


in this issue

Skeletal Biology & Pathophysiology Minicourse (see page 2 for schedule)

Symposium 2013, March 21, 2013

featuring Dr. Vicki Rosen

1:00-5:00 pm at the
Eric P. Newman Educational Center

Dr. Vicki Rosen will be the featured speaker at the 2013 Musculoskeletal Winter Symposium on March 21, 2013. Dr. Rosen is the Department Head and Professor of Developmental Biology at the Harvard School of Dental Medicine. Dr. Rosen has spent the majority of her research career as a scientist at Genetics Institute, a biotechnology company, where she was part of a research team that identified the bone morphogenetic protein (BMP). She became a professor in the Faculty of Medicine in 2001, and chair of the Department of Developmental Biology at HSDM in 2005.

Dr. Rosen's lab studies the physiological roles that bone morphogenetic proteins (BMPs) play in the development, maintenance, and repair of musculoskeletal tissues (bone, cartilage, tendon, ligament, meniscus, muscle).

Abstracts will be due on February 11, 2013.

Avioli Musculoskeletal Seminar Series

New scheduling coming soon!

Don't forget!

Please remember to include reference to support from the Musculoskeletal Research Center in your abstracts and publications. Cite Grant # P30AR057235 from the National Institute Of Arthritis And Musculoskeletal And Skin Diseases.

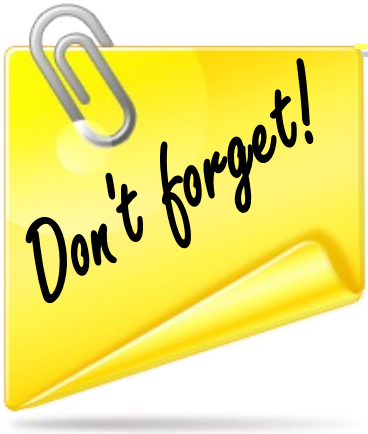
For more information about the MRC and the Cores, please click here:
http://muscoloskeletalcore.wustl.edu

Skeletal Biology & Pathophysiology Minicourse

This lecture series covers fundamental aspects of bone and mineral homeostasis, bone, cartilage and tendon biology, bone biomechanics and biomineralization. Topics also include biostatistical approaches and fundamental methodologies for skeletal phenotype analysis in vivo and models for in vitro assessment of cartilage and bone cell function. Pathophysiology of postmenopausal osteoporosis, inflammatory arthritis, osteoarthritis, renal and diabetic bone disease, bone metastasis, and disuse will be discussed in the context of available model systems and current clinical practice. This lecture series, organized on a 2-year cycle with 5-6 lectures per year, is designed to complement courses available through the DBBS graduate training program focusing on topics that are fundamental for the formation of a skeletal biology investigator. Most of the speakers are Metabolic Skeletal Disorders Training Program mentors; occasionally, external speakers with expertise in specific topics are invited.

Location: BJCIH Bldg. | 11th floor | A/B Conference Room

Date	Speaker	Topic
Aug. 24	Roberto Civitelli, MD	Basic bone endocrinology
Aug. 31	Deborah Novack, Md, PhD	Osteoclast biology
Sept. 7	Stavros Thomopoulos, PhD	Biomineralization/collagen structure
Sept. 14	Sarah Dallas, PhD *University of Missouri-Kansas City*	Osteocyte biology
Sept. 21	Audrey McAlinden, PhD	Chondrocyte biology
Sept. 28	Fanxin Long, PhD	Osteoblast biology



Please add your mouse model(s) to our growing list, for the benefit of everyone! Please email the following information to Deb Patra (patrad@wustl.edu):

1. Mouse model name
2. Contact name and email
3. Publications\References

The list can be found at the following web address:

http://musculoskeletalcore.wustl.edu/content/Core/2985/D-Mouse-Genetics-Models-Core/Services/Available-Mouse-Strains.aspx

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