



MUSCULOSKELETAL RESEARCH CENTER

<http://musculoskeletalcore.wustl.edu>

MUSCULOSKELETAL RESEARCH CENTER at Washington University

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SAVE THE DATE

May 4-6, 2017

Musculoskeletal Regenerative Medicine and Biology: from Development to Regeneration



Avioli Musculoskeletal Seminar Series

Fridays @ 9am

BJCIH Bldg. | 11th flr

A/B Conf. Rm.

11/18	Bart Williams, PhD Van Andel Research Inst.
11/25	NO SEMINAR
12/02	Lori Setton, PhD Biomedical Engineering
12/09	Julie Sterling, PhD Vanderbilt Univ.
12/16	Frank Beier, PhD Western Univ.
12/23	NO SEMINAR

Histology Core News

Beginning immediately, all requests for priority (rush) work must be approved by the PI. At the time of submission, an email from the PI to Crystal (idleburgc@wudosis.wustl.edu) approving the priority order and 30% surcharge should be sent. If not, no work will be done until an email from the PI is received. There are 2 reasons for this change. First, PIs have stated that they might not have agreed to the rush if they had known about the increased fees at the time of submission. Second, priority orders disrupt the turnaround for routine samples, and we expect this policy to reduce the number of such projects, thus helping all projects get finished in a timely manner.

In order to improve our transparency and customer service, we are implementing targets for project completion, depending on the type of project. Although we may not be able to meet all goals immediately, we are going to start tracking in a more nuanced manner to work towards a more optimized workflow.

For more information regarding project completion targets, please visit our Core C news webpage:

<http://www.musculoskeletalcore.wustl.edu/content/Core/3048/C-In-situ-Molecular-Analysis-Core/Services/Core-C-News.aspx>

Just In Time Program

Applications for Just In Time funding are still being accepted. Applicants may apply for up to \$3,000 to support use of the MRC Cores. Please visit our website for more information and to download the application form:

<http://www.musculoskeletalcore.wustl.edu/content/Core/3035/Administrative-Core/Services/Just-In-Time-Funding.aspx>

Erica Scheller, DDS, PhD

Assistant Professor of Medicine | Division of Bone & Mineral Diseases



Dr. Scheller moved from the University of Michigan to join the Division of Bone and Mineral Diseases as faculty as of July 2016. She has extensive experience in studying molecular determinants of skeletal health, particularly in regards to mar-

row adipose tissue expansion and its impact on both skeletal and systemic metabolism. Her work on marrow adipose tissue biology was recently highlighted at the Bone Marrow Adiposity (BMA) meeting in Rotterdam, Netherlands and as an oral presentation at the 2016 ASBMR meeting. In her new lab, she will study the role of the nervous system in coordinating skeletal metabolism and energy utilization – particularly in the context of the marrow adipocyte.

Dr. Scheller's previous research and training spans the fields of bone tissue engineering, endocrine physiology, neurobiology, and oral health science.

Uniquely, she is also a licensed general dentist in the state of Michigan. Though she has no intention of pursuing clinical dentistry, her past training inspires her work and collaborations. Thus, in addition to studying the basic biology of nerves and fat in bone, she is also interested in someday applying her work toward tissue regeneration in the periodontal complex. In her spare time, Dr. Scheller enjoys playing the piano (including the one in her office) and spending time with her husband Woo, children (Abbie age 7 and AJ age 5), and her two cats.

Dr. Scheller and Dr. Clarissa Craft aligned their research interests in 2016 to create a novel, joint laboratory focused on the study of microenvironmental determinants of skeletal health. For more information about their lab, please visit their website:

<https://bonehealth.wustl.edu/research/laboratories/scheller-and-craft-lab/>

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