



MUSCULOSKELETAL
RESEARCH CENTER
at Washington University

MUSCULOSKELETAL RESEARCH CENTER

<http://musculoskeletalcore.wustl.edu>

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Avioli Musculoskeletal
Seminar Series

Fridays @ 9am

BJCIH Bldg. | 11th flr

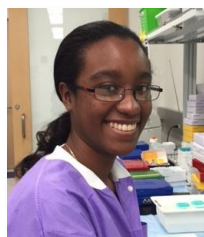
A/B Conf. Rm.

DATE	SPEAKER
10/30	Makarand Risbud, PhD <i>Thomas Jefferson Univ.</i>
11/6	Christine Pham, MD <i>Rheumatology</i>
11/13	David Ornitz, MD, PhD <i>Developmental Biology</i>
11/20	Lori Setton, PhD <i>Biomedical Engineering</i>
11/27	Thanksgiving

2016 Musculoskeletal
WINTER SYMPOSIUM

Save the Date!
FEBRUARY 24, 2016

Histology Core News



Please welcome a new addition to Core C, Samantha Coleman, a research technician. Samantha is a recent graduate of St. Louis University who came to St. Louis from Belize. At SLU, she discovered a love for histology, and we are very excited to have her join our team. Introduce yourself when you are in the core lab, and have patience as she learns about our work. In order to get Samantha up to speed as efficiently as possible, we will not be offering training to Core C users in the use of our equipment for the next 2 months. However, previously trained users are still welcome to continue their projects.

In another effort to streamline our work and provide more timely service to our users, we are implementing a new process for submissions, requiring a PI signature or direct email to Crystal with all submission forms. The idea is to make sure that the number of sections and stains are appropriate, and projects are appropriately prioritized, perhaps limiting the requests to go back a second time to the same projects due to a lack of communication with the PIs. As always, if you have specific concerns, please let me know.

Deb Novack
Director, Histology and Morphometry Core
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CALL FOR PROPOSALS:

Musculoskeletal Research Center **Pilot & Feasibility Studies**

Proposals Due: **November 13, 2015**

Project Start Date: April 1, 2016

For more information, please visit:

<http://www.musculoskeletalcore.wustl.edu/content/Pilot-amp-Feasibility->



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.

Member Research Highlight

The Center of Regenerative Medicine

Advancing regenerative medicine through excellence in education and collaborative research.

The Washington University Center of Regenerative Medicine (CRM) is a research collaborative of over 60 faculty members from more than 20 departments and divisions committed to advancing regenerative medicine and its therapeutic applications. Regenerative medicine harbors enormous potential to impact the treatment and cure of a wide range of debilitating human diseases and injuries.

The WU CRM was founded in 2013 and embraces a broad understanding of regenerative medicine, including pluripotent and adult tissue stem cells, cell reprogramming, disease modeling, cell and tissue engineering, and productive aging. The center is led by a team of co-directors: Lila Solnica-Krezel (Developmental Biology), Shelly Sakiyama-Elbert (Biomedical Engineering), and Farshid Guilak (Orthopaedic Surgery), with expertise in basic, engineering, and translational regenerative medicine, respectively. More information about the CRM can be found at: <http://devbio.wustl.edu/REGMED/>



Lila Solnica-Krezel, PhD

Co-Director and Chair of Developmental Biology



Farshid Guilak, PhD

Co-Director and Professor of Orthopaedic Surgery



Shelly Sakiyama-Elbert, PhD

Co-Director and Professor of Biomedical Engineering

To achieve its dual goals of promoting research and educating the public, the CRM has 3 cores: administrative, bioinformatics, and hESC (human embryonic stem cell) culture. Faculty members of the CRM can get much-needed bioinformatics assistance from a dedicated bioinformatician, and have access to federally approved hESC cell lines, hESC culture rental facilities, and training. The administrative core assists in funding opportunities and educational outreach.

Through the support of various WU departments and schools, the CRM offers seed grants (\$40,000/year) for innovative research in regenerative medicine, focused either on human pluripotent stem cell (hPSC) research or as part of newly initiated interdisciplinary collaborations among CRM members, with the goal of enabling investigators to generate preliminary data to secure extramural funding. Additionally, through the Children's Discovery Institute (CDI), the CRM offers subsidies and pilot grants (\$7500) on CDI-relevant projects that utilize either the hESC Core or the GEIC.

In the coming year, the CRM will co-host a regenerative medicine seminar series (<http://devbio.wustl.edu/REGMED/sande.html>) and a Midwest Regenerative Medicine Meeting (April 3-4, 2016), bringing together researchers from a number of Midwest institutions. The CRM will also move to its new location in the 4515 McKinley building. Under the guidance of translational co-director Farshid Guilak, the CRM also hopes to drive projects translationally and entrepreneurially.

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Associate Director

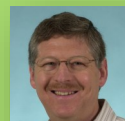
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If you have any questions regarding the MRC, contact:

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