MUSCULOSKELETAL RESEARCH CENTER

MUSCULOSKELETAL RESEARCH CENTER at Washington University http://muscoloskeletalcore.wustl.edu

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Avioli Musculoskeletal Seminar Series Fridays @ 9am

BJCIH Bidg. | 11th fir A/B Conf. Rm.

DATE	SPEAKER
12/04	Nilsson Holguin, PhD Silva Lab
12/11	Veronique Lefebvre, PhD Cleveland Clinic
12/18	Jeffrey Arbeit, MD Urologic Surgery
12/25	Christmas Holiday No Seminar



Call for Abstracts

Abstracts for the 2016 Musculoskeletal Winter Symposium are due January 11, 2016 by 5pm. The top four abstracts will be asked to give an oral presentation at the Symposium, in addition they will receive an \$800 travel award. The top three posters will also receive an \$800 travel award.

For abstract guidelines and submission information, please visit the Symposium webpage:

http://www.musculoskeletalcore.wustl.edu/ content/Calendar/2998/Winter-Symposium.aspx



DON'T FORGET

Just In Time Funding:

The Musculoskeletal Research Center still has funds available for Just In Time (JIT) projects. The JIT program is designed to provide quick access to funding (up to \$3,000) to use any of the MRC Cores.

For more information visit:

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

Or contact: Kamilla McGhee | mcgheek@wudosis.wustl.edu

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

Farshid Guilak, PhD

Co-Director of the Center of Regenerative Medicine, Scientific Director of Shriners Hospital for Children, **Professor of Orthopaedic Surgery**



In early 2016, Dr. Farshid Guilak will be joining the Department of Orthopaedic Surgery at Washington University as Director of Research for the St. Louis Shriners Hospital and co-director of the Center of Regenerative Medicine. He will also have appointments in the Departments of Developmental Biology and Biomedical Engineering. Farsh received a B.S. in

Biomedical Engineering from Rensselaer Polytechnic Institute and a Ph.D. in Mechanical Engineering from Columbia University. His laboratory is pursuing a multidisciplinary approach to investigate the etiology and



is the development of new stem cell-based approaches to treat osteoarthritis.

pathogenesis of osteoarthritis, as a basis for the development of new pharmacologic and stem cell therapies. He is currently PI of approximately \$10,000,000 in external funding, including 6 NIH research grants, as well as 3 NIH F-series fellowships, and grants from the NSF, DOD,

Director

Core A - Administration



sandelll@wustl.edu **Associate Director**

Matthew Silva, PhD 314-362-8585 silvam@wustl.edu

Associate Director Roberto Civitelli, MD





Core B - Structure & Strength



314-362-8585 silvam@wustl.edu

Associate Director Simon Tang, PhD





Core C - Histology









Deborah Novack, MD, PhD 314-454-8472 novack@wustl.edu

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Core D-Animal Models Director David Ornitz, PhD 314-362-3908



Fanxin Long, PhD



If you have any questions regarding the MRC, contact: Kamilla McGhee | Core Coordinator | 314.747.5993 | mcgheek@wudosis.wustl.edu

and several foundations.

He has published over 280 articles in peer-reviewed journals. Farsh is editor-inthe chief of the Journal of Biomechanics, Associfor ate editor Osteoarthritis & Cartilage, and serves on numerous other journal editorial boards. He is the President-Elect of the Orthopaedic Re-



Figure 2: 3D woven scaffold for cartilage tissue engineering

search Society and Chair of the Skeletal Biology Structure and Regeneration NIH Study Section, and the first PhD member of the executive committee of the Orthopaedic Research and Education Foundation (OREF). He has won numerous national and international awards for his research and mentorship, including two Kappa Delta Awards from the AAOS, and numerous mentor awards. Farsh is the Founder and President of Cytex Therapeutics, a startup company focusing on regenerative medicine. In his free time, Farsh enjoys traveling with his family and playing racquetball. Please join us in welcoming our newest faculty member in the Musculoskeletal Research Center.