

STUDY GROUP SESSION

Title: Musculoskeletal MR

Day: Tuesday, 10 May 2016

Time: 10:00-12:00

Room #: Hall 405 E

Study Group Chair: Matthew F. Koff, Ph.D.; **Vice Chair:** Eveliina Lammentausta, Ph.D.; **Secretary:** Mark Schweitzer, M.D.

Committee: Past-Chair: Siegfried Trattig, M.D.

2016-2017 Incoming Committee: Secretary: Jose Maria G. Raya, Ph.D.; Trainee Representative: Feliks Kogan, Ph.D.

Overview: The goal of the MSK SG is to educate the membership about the current status of MSK MRI research, to provide a forum for interaction of the membership, and to discuss the applications MSK MRI. This will be accomplished by oral and poster abstract presentations which will be followed by discussion in large and small group format.

10:00	Introduction - Welcome & Business Meeting	Matthew F. Koff, Ph.D. Hospital for Special Surgery, USA
	Invited Oral Presentations	
10:05	<i>Bone Quantitative Susceptibility Mapping Using Tissue specific R2* & Multi-Peak Fat Spectrum to Model Ultra-Short TE Gradient Echo Signal</i>	Alexey Dimov, M.Sc. Weill Cornell Medical College, USA
10:15	<i>Quantitative Assessment of Muscle Metabolism & Dynamics of Oxygen Consumption with vPIVOT</i>	Erin K. Englund, Ph.D. University of Pennsylvania, USA
10:25	<i>Synchronous Magnetic Resonance Imaging of Muscle Contraction Induced by Electrical Stimulation</i>	Xeni Deligianni, Ph.D. University of Basel Hospital, Switzerland
10:35	<i>Feasibility Study of Interleaved Multi-Nuclear Acquisitions on a 3T Clinical NMR Scanner Without Hardware Modifications</i>	Alfredo L. Lopez Kolkovsky, Ph.D. Institute of Myology, France
10:45	<i>μMRI T₂ Mapping of Degenerated Human Meniscal Specimens Compared to Histology</i>	Benedikt Hager, M.Sc. Medical University of Vienna, Austria
10:55	Traditional & Electronic Poster Session	
11:55	Presentation of Awards - Oral and Posters	Matthew F. Koff, Ph.D. Hospital for Special Surgery, USA
12:00	Adjournment	