

Call for workshop proposals

Deadline: December 1st 2012

Call for abstracts/short presentations

Deadline: January 31st 2013

Myofascial connective tissues are vulnerable to sports related overuse injuries. Conventional exercise training has mainly emphasized the classical triad of muscle training, cardiovascular fitness and sensorimotor coordination, without sufficiently recognizing the adaptive capacities of collagen tissues.

This symposium seeks to advance our understanding of how myofascial connective tissues participate in muscular force transmission and respond to different types of mechanical load. The effects of gender, genetic factors and hormonal differences on myofascial tissue adaptation and regeneration will be part of the scientific programme and discussion.

Additionally, the inflammatory response and regulation of skeletal muscle to altered loading regimes will be explored. Pre-symposium workshops offer training in new imaging methods and assessment technologies useful for in vivo examination of joint capsules, muscular fasciae, aponeuroses, tendons, ligaments, retinaculae as well as intramuscular connective tissues.

The aim of this interdisciplinary symposium is to inspire a dialogue between professional sports coaches, scientists, sports physicians, and exercise physiologists leading to improved training and treatment methods as well as to novel research initiatives in this new interconnecting field.

Registration

www.connect-ulm2013.com

		Register by 31.01.2013	Register by 31.03.2013
Scientific Conference	Clinicians	300,- €	350,- €
	Therapists	240,- €	290,- €
	Students	100,- €	120,- €
Workshops	Full day	125,- €	175,- €
	Half day	65,- €	100,- €

Contact

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Scientific committee

Dr. Heike Jäger, Dr. Martina Velders, Prof. Dr. Jürgen Steinacker,
Dr. Robert Schleip, Dr. Werner Klingler

Department of Sports Medicine,
University Hospital Ulm

Fascia Research Group,
Division of Neurophysiology, University Hospital Ulm
In association with the Sports Medicine Association Württemberg

www.uni-ulm.de/sportmedizin



**Department of Sports
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Prof. Dr. Jürgen Steinacker

**Fascia Research Group
Division of Neurophysiology
University of Ulm**
Dr. Robert Schleip

CONNECT 2013

CONNECTIVE TISSUES IN SPORTS MEDICINE

University of Ulm - Germany April 12-14 - 2013



Thursday, April 11th

Pre-conference workshops

Friday, April 12th

Connective tissue matters: bridging basic science and clinical experience

Panel discussion

Klaus Eder
Institute of Sports Science, University of Regensburg

Holger Schmitt
Centre for Orthopedic Surgery, University of Heidelberg

Robert Schleip
Fascia Research Group, Department of Neurophysiology, University Hospital Ulm

Gregor Antoniadis
Department of Neurosurgery, University Hospital Ulm

Load induced remodelling of collagen & matrix

Introduction & summary

Michael Kjaer
Institute of Sports Medicine, University of Copenhagen

'Mechanical loading and functional adaptation of tendons: Implication in human performance'

Adamantios Arampatzis
Department of Sports Science, Humboldt University, Berlin

'Connective tissue repair: a matter of stress'

Boris Hinz
Faculty of Medicine, University of Toronto

Saturday, April 13th

Inflammatory dynamics of skeletal muscle

Introduction & summary

Jürgen Steinacker
Department of Sports Medicine, University of Ulm

'Cytokine signaling in skeletal muscle'

Jonathan Peake
Queensland University of Technology, Brisbane

'Inflammatory processes that drive muscle injury and regeneration'

James Tidball
Department of Integrative Biology and Physiology, UCLA, Los Angeles

Kinetic storage of tendons and aponeuroses

Introduction & summary

Yasuo Kawakami
Waseda University, Tokyo

'In Vivo Human tendon adaptability to chronic use and disuse'

Constantinos Maganaris
Manchester Metropolitan University

'Energy aspects during running – barefoot and with shoe'

Benno Nigg
Human Performance Laboratory, University of Calgary

Sunday, April 14th

Stretching in sports and rehabilitation

Introduction & summary

Peter Magnusson
Institute of Sports Medicine, University of Copenhagen

'Mechanical loading and functional adaptation of tendons: Implication in human performance'

Jürgen Freiwald
Center for Human Performance Diagnostics, Bergische Universität Wuppertal, University of Wuppertal

'Stretching of the Back Improves Gait, Mechanical Sensitivity and Connective Tissue Inflammation in a Rodent Model'

Sarah Corey
Osher Center for Integrative Medicine, UCSF, San Francisco

Therapeutic applications in sports medicine

Introduction & summary

Andry Vleeming
Department of Rehabilitation Sciences & Physiotherapy, University of Ghent

'Therapeutic applications in sports medicine'

Andrew Franklyn-Miller
Sports Medicine Department, Sports Surgery Clinic, Dublin

'Recent advances in fascia research: Implications for sports medicine'

Thomas Findley
Medical Center East Orange, Newark, New Jersey

