



ISMuLT:

SCIENTIFIC WORKSHOP

V Musculoskeletal Tissue Engineering: Moving Towards New Solutions

September, 15 2017 – 08:30 am

University of Salerno
Dept. of Medicine, Surgery & Dentistry
«*Scuola Medica Salernitana*»
Aula delle Lauree

FACULTY

Nicola Maffulli, *University of Salerno, Queen Mary University of London*
Giovanna Della Porta, *Medicine, Surgery & Dentistry Dept., University of Salerno*
Anna C. Berardi, *Spirito Santo Hospital Pescara*
Paolo Remondelli, *Medicine, Surgery & Dentistry Dept., University of Salerno*
Milena Fini, *Rizzoli Orthopaedic Institute, Bologna*
Francesco Oliva, *Orthopaedic and Traumatology Dept., University of Rome Tor Vergata*
Ernesto Reverchon *Industrial Engineering Dept., University of Salerno*
Antonio Frizziero, *NeuroScience Dept., University of Padova*



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08:30 Registration

09:00 Welcome & I.S.Mu.L.T presentation

Aurelio Tommasetti (Rector, University of Salerno)

Mario Capunzo (Director, Dip. Medicine, Surgery, Dentistry)

Nicola Cantone (Director, OO.R.R San Giovanni e Ruggi)

Raimondo Pasquino (Università di Salerno)

Nicola Maffulli (I.S.Mu.L.T President)

Chairpersons: Remondelli P., Della Porta G., Maffulli N.

09:45 Turning stem cells into tenocytes; an in vitro approach to improve in vivo understanding:

Nicholas Forsyth, Institute for Science & Technology in Medicine, Keele University, United Kingdom.

10:15 Muscle assessment by mean of 3D modeling and profiling:

Paolo Gargiulo, Institute for Biomedical and Neural Engineering, University of Reykjavík, Iceland.

10:45 On tendons bioengineering:

Giovanni Vozzi, Research Center "E. Piaggio", University of Pisa, Italy.

11.15 Coffee Break

Chairpersons: Berardi A.C., Reverchon E., Frizziero A.

11:45 Fibrosis: the source of all evil :

Enrico Avvedimento, Department of Molecular Medicine & Medical Biotechnology, University of Naples, Italy.

12:14 Stem cell differentiation for muscle regeneration.

Marco Vitale, Dept. of Medicine & Surgery, University of Parma, Italy.

12.45 Discussion



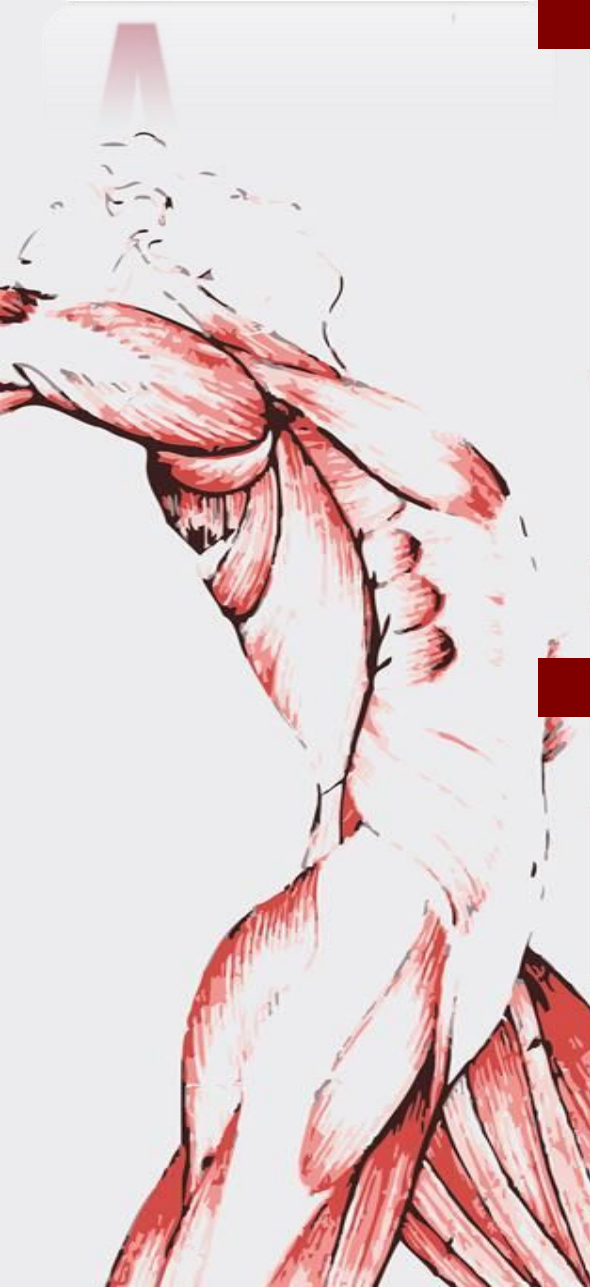


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13:15 Lunch by *Unisa Sapori*
@Dept. of Medicine, Surgery and Dentistry

Chairpersons: Oliva F., Fini M., Tramontano D.

15:00 Biomimetic & Bioengineered materials.
Matteo Santin, University of Brighton, Brighton, UK.

15:30 Sensing in tissue engineering: Review & Perspective.
Carlo Iorio, Polytechnique de Bruxelles , Bruxelles, Belgium

16:00 Ultra-low Dose & Resolution μ CT System for Tissue and Morphological Analysis.
David Rendon, MILabs-Assing S.p.A.

16:15 Coffee Break

Chairpersons: Giordano E., Berardi A.C., Forte A.M.,

16:45 Genetics of Sports Injuries.
Nicola Maffulli (I.S.Mu.L.T President)

17:15 Multisensors Network & Data Analytics.
Pierluigi Ritrovato, University of Salerno, Italy .

17.45 Discussion & Closing Remarks



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Venue

Aula delle Lauree

Dip. di Medicina, Chirurgia e Odontoiatria,
Via S. Allende, 84081 Baronissi (SA) Italy

General Information

CME Accreditation

The workshop is aimed at orthopaedic surgeons, sports medicine and rehabilitation specialist, physiotherapists. Students of the 4/5° years will be also receive an ADE credit. Credits will be assigned only if the participant will be attended the entire workshop and completed and signed the evaluation test.

Certificate of Attendance

A certification of attendance will be available on request at the registration desk.

Language

English is the official language

Under the patronage of

**Dip. di Medicina, Chirurgia e Odontoiatria “Scuola
Medica Salernitana”,
University of Salerno (www.unisa.it)**

Scientific Organizer

Giovanna Della Porta
Nicola Maffulli

0039 089 964104

0039 089 965223

gdellaporta@unisa.it