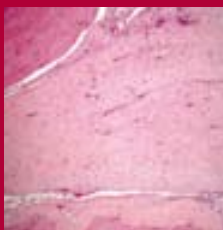
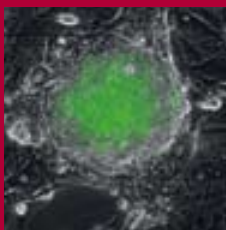
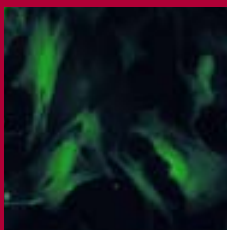
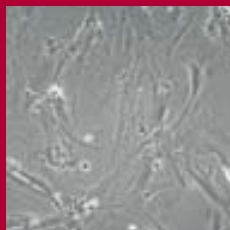


ISMULT: SCIENTIFIC WORKSHOP ON STEM CELLS FOR LIGAMENT AND TENDON TISSUE ENGINEERING AND REGENERATION

APRIL 18, 2013

Pescara

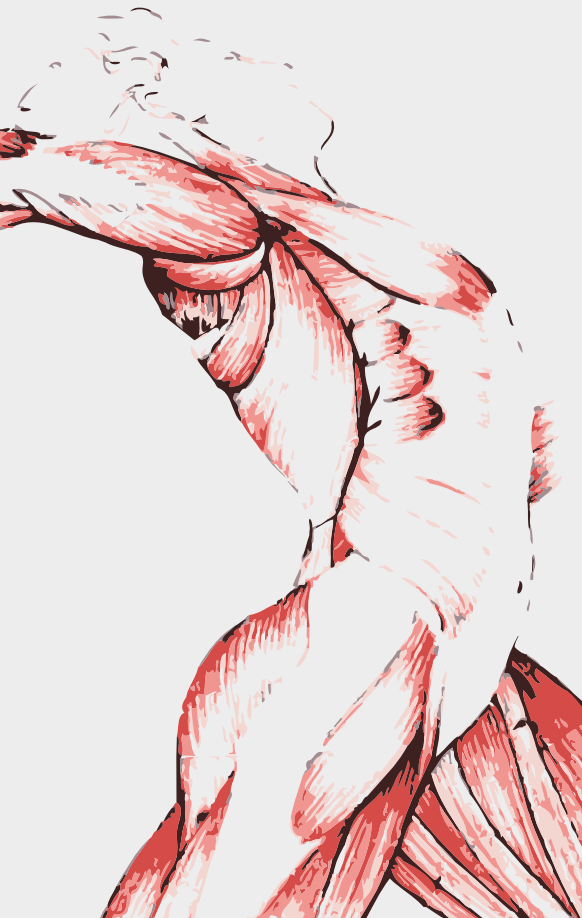
Auditorium Leonardo Petruzzi
via delle Caserme, 60



APRIL 18, 2013

Pescara - Auditorium Leonardo Petruzzi

ISMULT:
I SCIENTIFIC
WORKSHOP
ON STEM CELLS
FOR LIGAMENT
AND TENDON
TISSUE ENGINEERING
AND REGENERATION



08:30 Registration

09:00 I.S.Mu.L.T. presentation
Francesco Oliva (Vice President)

Welcome and introduction
Antonio Iacone (PCFF Scientific Committee)

09:30 Human experimentation: where are we currently?
**Nicola Maffulli (President of I.S.Mu.L.T.
and President of E.F.O.S.T.)**

I SESSION

**STEM CELLS FOR LIGAMENT
AND TENDON TISSUE REGENERATION**

Chairperson: **Anna C. Berardi / Nicola Maffulli**

The use of blood vessel-derived stem cells
for ligament regeneration and repair

Johnny Huard

Effect on ligament marker expression by
direct-contact co-culture of mesenchymal
stem cells and anterior cruciate ligament cells

Jose Canseco

11:30 Coffee break

Novel mesenchymal stem cells based approaches
for regeneration of injured skeletal tissues: bone,
ligament and cartilage - from the bench to the clinic

Meir Liebergall

Ovine amniotic epithelial cells: In vitro
characterization and transplantation into equine
superficial digital flexor tendon spontaneous defects

Aurelio Muttini

Neoangiogenesis and tendinopathies

Michele Abate

The tendon niche

Anna C. Berardi

13:30 Lunch

II SESSION

BIOENGINEERING

Chairperson: *Francesco Oliva / Nicola Maffulli*

14:30 Cellular and molecular bioengineering:
a tipping point

Helen H. Lu

Injectable PLGA/hydrocortisone formulation produced
by continuous supercritical emulsion extraction

Ernesto Reverchon

Injectable polyethylene glycol-fibrinogen hydrogel
adjuvant improves survival and differentiation of
transplanted mesoangioblasts in acute and chronic
skeletal-muscle degeneration

Stefano Cannata / Cesare Gargioli

16:00 Coffee break

Extracorporeal shock wave treatment (ESWT) improves
in vitro function activities of healthy and ruptured
human tendon-derived tenocytes

Vincenzo Visco

Effects of in vivo applications of peripheral blood-derived
mesenchymal stromal cells (PB-MSCs) and platelet-rich
plasma (PRP) on experimentally injured deep digital
flexor tendons of sheep

Marco Patruno

Successful recellularization of human tendon scaffolds
using adipose-derived mesenchymal stem cells and
collagen gel

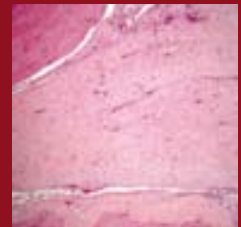
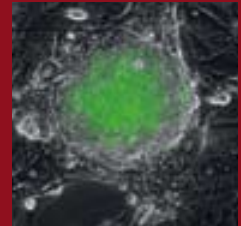
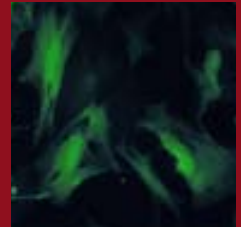
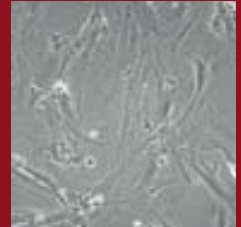
Tiziana Martinello

An innovative stand-alone bioreactor for the highly
reproducible transfer of cyclic mechanical stretch to stem
cells cultured in a 3D scaffold

Emanuele Giordano / Marco Govoni

17:30 Closing remarks

18:00 C.M.E. evaluation test



GENERAL INFORMATION

VENUE

Auditorium Leonardo Petruzzi
via delle Caserme, 60 - Pescara

CME ACCREDITATION

The workshop is aimed at orthopaedic surgeons, hematologists, sports medicine and rehabilitation specialist, physiotherapists, radiologists, biologists and veterinarians. Credits will be assigned only if the participant has attended the entire workshop and completed and signed the evaluation test.

CERTIFICATE OF ATTENDANCE

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

LANGUAGE

English is the official language.

UNDER THE PATRONAGE OF

Azienda USL Pescara
Comune di Pescara

FACULTY

Michele Abate (Chieti)
Anna C. Berardi (Pescara)
Stefano Cannata (Roma)
Jose Canseco (Boston)
Cesare Gargioli (Milano)
Emanuele Giordano (Cesena)
Marco Govoni (Cesena)
Johnny Huard (Pittsburgh)
Antonio Iacone (Pescara)
Meir Liebergall (Jerusalem)
Helen H. Lu (New York)
Nicola Maffulli (London - Salerno)
Tiziana Martinello (Padova)
Aurelio Muttini (Teramo)
Francesco Oliva (Roma)
Marco Patruno (Padova)
Ernesto Reverchon (Salerno)
Vincenzo Visco (Roma)

ISMULT: I SCIENTIFIC WORKSHOP ON STEM CELLS FOR LIGAMENT AND TENDON TISSUE ENGINEERING AND REGENERATION

SCIENTIFIC ORGANIZER

Anna C. Berardi
Francesco Oliva
Antonio Iacone
Nicola Maffulli

Tel. +39 085 429857
Fax +39 0861 4298531
E-mail annacberardi@yahoo.it

ORGANIZING SECRETARIAT

Heventime
Via Rigopiano, 20/2
65124 Pescara
Tel. +39 335 5882365
Tel. +39 333 3855385
Fax +39 085 4441253
www.heventime.it
E-mail iscrizioni@heventime.it

