



1st Congress I.S.Mu.L.T.

Italian Society of Muscles, Ligaments & Tendons

Advances in Muscles, Ligaments and Tendons *Research and Clinical Practice*

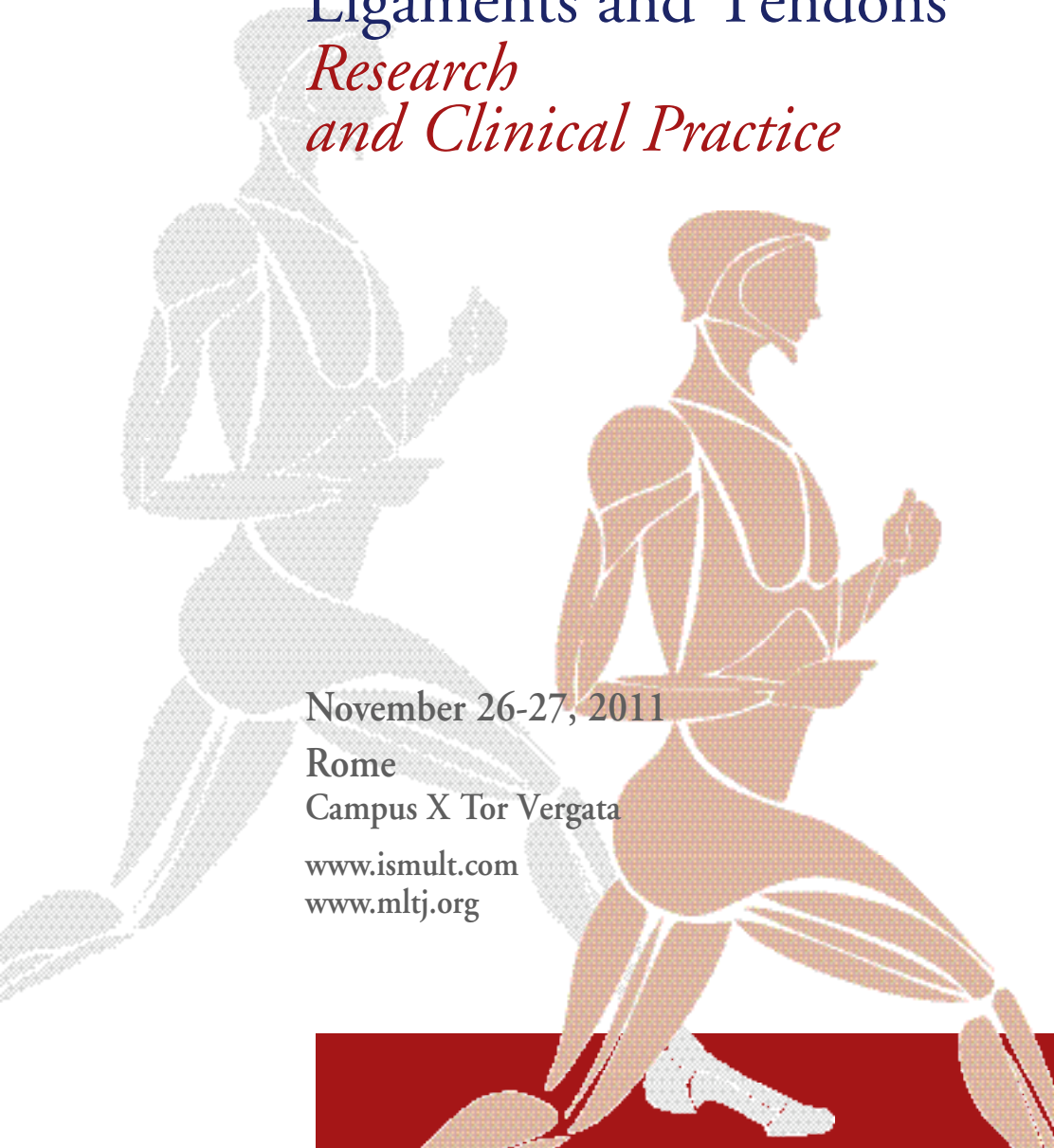
November 26-27, 2011

Rome

Campus X Tor Vergata

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Saturday, November 26th

- 8.00 Registration
- 8.30 Welcome by authorities

- 9.00 **Main Lecture**
Chairman: N. Maffulli
When, where, how Tendon research started
E. Ippolito

I SESSION: THE ROLE OF RESEARCH

Chairmen: *N. Maffulli, V. Denaro*

- 9.20 Matching structural design to function of human skeletal muscle
M.V. Narici
- 9.30 Biochemical markers of muscular damage
P. Brancaccio
- 9.40 Role of oxidative stress and changes in growth factors in sarcopenia
A. Musarò
- 9.50 Osteoporosis and muscle changes. The connection?
U. Tarantino
- 10.00 Genes and sport
D. Barisani
- 10.10 Acute and cumulative effects of focused high-frequency vibrations on the endocrine system and muscle strength
R. Saggini
- 10.20 Discussion
- 10.30 **Coffee Break**

II SESSION: WHAT ABOUT MUSCLE?

Chairmen: *G.L. Melegati, P. Volpi*

- 11.00 Epidemiology of muscle strain in soccer
P. Volpi
- 11.10 Clinical approaches for muscles injuries
G. Nanni
- 11.20 Ultrasound and magnetic resonance imaging in sports-related muscles injury
S. Galletti
- 11.30 New therapeutic approaches for management of sports-induced muscle strains
G.L. Melegati
- 11.40 Autologous platelet rich plasma: a devolution in soft tissue sport injury management?
I. Andia, M. Sánchez
- 11.50 From muscle research to clinical applications: do NMDA antagonists aid muscle recovery?
M. Albani

- 12.00 Percutaneous fibrolysis in muscles injury
V. Testa

- 12.10 Discussion

12.20 WORKSHOP

Research and Innovation: Diamagnetic Application for Shock Wave

Chairmen: *N. Maffulli, J.P. Furia, J. Rompe*

Shock Wave therapy without pain: Space and temporary focalization
C. La Gatta

Interaction of magnetic field at high intensity pulses on living tissue for shock wave therapy

A. La Gatta

Which traumatic conditions we can treat by Shock wave with diamagnetic technology?

S. Rossi

Calcific tendinopathy of the shoulder. Results with DSW18

V. De Luna

- 13.30 **Lunch**

III SESSION: MISCELLANEOUS TENDINOPATHY

Chairmen: *P. Aspenberg, E. Falcieri*

- 14.30 Tendinopathy: not a localized problem
U.G. Longo
- 14.40 Tendon crimps and peritendinous tissues responding to tensional forces
M. Franchi
- 14.50 Effects of exercise on rat myotendinous junction ultrastructure
E. Falcieri
- 15.00 Distal triceps tendon rupture: Case series
G. Giannicola
- 15.10 Mechanical stimulation of tendon healing: dose-response and gene expression in rats
P. Aspenberg
- 15.20 Peroneal Dislocation. Superior peroneal retinaculum reconstruction with absorbable anchors
F. Oliva
- 15.30 Discussion

IV SESSION: BASIC SCIENCE

Chairmen: *M.G. Benedetti, S. Respinzi*

- 15.40 Effect of training and sudden detraining on the patellar tendon and its enthesis
A. Frizziero
- 15.50 Scaffolds in tendon and ligament repair: a critical review
A. Gigante

- 16.00 The role of mesenchymal stem cells
L. Ruzzini
- 16.10 Amniotic ovine stem-like cells for treatment of spontaneous tendinopathies in the horse
M. Abate
- 16.20 Sarcopenia: characteristics, mechanisms and functional significance
M.V. Narici
- 16.30 Discussion
- 16.40 **Coffee Break**

V SESSION: WHAT IS NEW AND WHAT IS TRUE!

Chairmen: *N. Maffulli, S. Giannini*

- 17.00 Anatomy of posterior complex of the knee
C. Fabbriciani
- 17.10 Synthetic ligaments: a justified revival?
G. Cerulli
- 17.20 Revision ACL reconstruction with hamstrings
A. Ferretti
- 17.30 Surgical treatments in ankle instability
S. Giannini
- 17.40 Achilles tendinopathy. Recent advances in surgical procedures
N. Maffulli
- 17.50 Discussion

VI SESSION: SHOULDER LIGAMENTS AND TENDONS

Chairmen: *L. Osti, G. Porcellini*

- 18.00 Preclinical studies on an acellular allogenic collagenous membrane in view of the clinical application for rotator cuff tendon regeneration
M. Fini
- 18.10 Massive rotator cuff tears. Strategies of treatment
G. Porcellini
- 18.20 New perspectives in rotator cuff tendon regeneration: review of tissue engineered therapies
R. Rotini
- 18.30 Posterior humeral avulsion of the glenohumeral ligament
R. Garofalo
- 18.40 Arthroscopic Latarjet for shoulder instability. Difficulty of the learning curve and true indications
A. Grasso
- 18.50 Subscapularis arthroscopic repair. An update
A. Vitullo
- 19.00 S.L.A.P. lesions: to treat or not to treat. This is the question
L. Osti

- 19.10 Rehabilitation strategy for shoulder ligaments instability
D. Creta
- 19.20 Discussion

Sunday, November 27th

VII SESSION: NEW ADVANCES IN PHYSICAL THERAPY

Chairman: *J.P. Furia, M. Vulpiani*

- 8.30 ESWT for heel pain
J. Rompe
- 8.40 ESWT as a treatment for patella tendinopathy
J.P. Furia
- 8.50 ESWT for greater trochanter pain syndrome
J. Rompe
- 9.00 Soft tissue injuries. Future innovations in the electromedical field
A. La Gatta
- 9.10 Shockwave therapy for chronic proximal hamstring tendinopathy in elite athletes
V. Santilli
- 9.20 Mechanical vibration and mio-capsulo-ligament unit
C. Foti
- 9.30 Discussion

9.40 WORKSHOP

Tendinopathy: state of the art and perspectives

Introduction to "Tendinopathy Guidelines"

N. Maffulli

Tendons: anatomy and physiopathology

F. Oliva

Rehabilitative approaches to tendinopathy

A. Frizziero

Nitric oxide and tendinopathy

D. Tiso

RSWT and nitric oxide to treat shoulder calcific tendinopathy

M. Scarselli

- 10.40 **Coffee Break**

VIII SESSION: ENTHESOPATHY AND RHEUMATIC DISEASE

Chairmen: *L. Frizziero, G. Gimigliano, A. Migliore*

- 11.00 Pathogenesis of enthesopathies in rheumatic diseases
A. Lonigro

- 11.10 Clinical aspects of rheumatic enthesitis
L. Frizziero
- 11.20 Ultrasonography in the diagnosis of rheumatic enthesitis
O. Epis
- 11.30 Diagnosis and treatment of overload enthesopathies
M. Conforti
- 11.40 Rehabilitative treatment of patients affected by rheumatic enthesitis
S. Masiero
- 11.50 Discussion

IX SESSION: KNEE LIGAMENTS

Chairmen: *U. Tarantino, S. Zaffagnini*

- 12.00 Single or double bundle in ACL reconstruction. What is the true?
N. Maffulli
- 12.10 Anterior cruciate ligament reconstruction with a quadrupled semitendinosus tendon
F. di Feo
- 12.20 Suspensory fixation of grafts in anterior cruciate ligament reconstruction
F. Treia
- 12.30 New perspectives in biomechanical ligaments lesions of the knee
S. Zaffagnini
- 12.40 Medial patellofemoral ligament reconstruction for recurrent patellar dislocation. Surgical procedures review
M. Ronga
- 12.50 Discussion
- 13.00 C.M.E. Self Evaluation questionnaire and closing

- M. ABATE (CHIETI)
- M. ALBANI (GRECIA)
- I. ANDIA (SPAGNA)
- P. ASPENBERG (SVEZIA)
- D. BARISANI (MILANO)
- M.G. BENEDETTI (BOLOGNA)
- P. BRANCACCIO (NAPOLI)
- G. CERULLI (PERUGIA)
- M. CONFORTI (MILANO)
- D. CRETA (BOLOGNA)
- V. DE LUNA (ROMA)
- V. DENARO (ROMA)
- F. DI FEO (ROMA)
- O. EPIS (MILANO)
- C. FABBRICIANI (ROMA)
- E. FALCIERI (URBINO)
- A. FERRETTI (ROMA)
- M. FINI (BOLOGNA)
- C. FOTI (ROMA)
- M. FRANCHI (BOLOGNA)
- A. FRIZZIERO (PADOVA)
- L. FRIZZIERO (BOLOGNA)
- J. P. FURIA (U.S.A.)
- S. GALLETTI (BOLOGNA)
- R. GAROFALO (BARI)
- G. GIANNICOLA (ROMA)
- S. GIANNINI (BOLOGNA)
- A. GIGANTE (ANCONA)
- R. GIMIGLIANO (NAPOLI)
- A. GRASSO (ROMA)
- E. IPPOLITO (ROMA)
- A. LA GATTA (PADOVA)
- C. LA GATTA (PADOVA)
- G.U. LONGO (ROMA)
- A. LONIGRO (PADOVA)
- N. MAFFULLI (U.K.)
- S. MASIERO (PADOVA)
- G.L. MELEGATI (MILANO)
- A. MIGLIORE (ROMA)
- A. MUSARÒ (ROMA)
- G. NANNI (BOLOGNA)
- M.V. NARICI (U.K.)
- F. OLIVA (ROMA)
- L. OSTI (MODENA)
- G. PORCELLINI (CATTOLICA)
- S. RESPIZZI (MILANO)
- J. ROMPE (GERMANIA)
- M. RONGA (VARESE)
- S. ROSSI (ROMA)
- R. ROTINI (BOLOGNA)
- L. RUZZINI (ROMA)
- R. SAGGINI (CHIETI)
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- V. SANTILLI (ROMA)
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- U. TARANTINO (ROMA)
- V. TESTA (SALERNO)
- D. TISO (BOLOGNA)
- F. TREIA (ROMA)
- A. VITULLO (ROMA)
- P. VOLPI (MILANO)
- M. VULPIANI (ROMA)
- S. ZAFFAGNINI (BOLOGNA)

General information

Venue

Auditorium Campus X - Tor Vergata
Via di Passolombardo, 341- Roma

Registration Fees

Participants Euro 180,00 (VAT included)

The registration fee includes in detail:

- I.S.Mu.L.T membership fee (12 months) Euro 50,00
- Congress registration: participation at the scientific session, conference kit, coffee breaks, lunches , certificate of attendance Euro 130,00

Trainees and Students free congress registration (upon payment of Euro 50,00 as I.S.Mu.L.T membership fee)

Registration Fees

a) By bank transfer to Centro Italiano Congressi C.I.C. Deutsche Bank, Agenzia F, Roma, IBAN Code IT42 C031 0403 2050 0000 0170 335

b) By international bank cheque payable to: Centro Italiano Congressi
Corso Trieste, 42 - 00198 Roma

The registration form is available on www.centroitalianocongressi.it - www.ismult.com

Cancellation of registration

Cancellation requests must be made in writing to the Organizing Secretariat.

A refund of 50% of the total of the fee remitted will be made for those requests made before October 26, 2011.

No refunds will be made after that date

C.M.E. Accreditation

The congress falls under the regulations of the C.M.E. council

9 C.M.E. credits have been assigned.

The Congress refers to **Surgeons** specializing in Rehabilitation, Sports Medicine, Orthopaedics and Traumatology and also for **Physiotherapists**.

The number of credits that the course will be accredited will be determined by the Minister of Health.

Credits will be assigned only if the participant has attended the entire Course and completed and signed the self-evaluation questionnaire

Certificate of attendance

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

Language

The official language is Italian

Accommodation

Rooms are available at Campus X Tor Vergata.

For further information about reservations please contact the Organizing Secretariat

How to reach Campus X Tor Vergata

By car: leave the Grande Raccordo Anulare (A90 or GRA) at EXIT 20 - La Romanina, then drive Via Vittorio Ragusa. After about 2,5 Km you will drive on a left turning overpassing the highway. Keep going and then turn left in Via di Passolombardo. After 350 meters you will find on your left Campus X entrance

By public transports: take A Line Subway, direction Anagnina up to end of line. From Anagnina you can choose bus 506 (direction Vanvitelli), bus 507 (direction Grotte Celoni), bus 509 (direction Fosso del Cavaliere)

From the Airport of Rome Fiumicino: take Leonardo Express train to Roma Termini railway station, then follow the above mentioned indications

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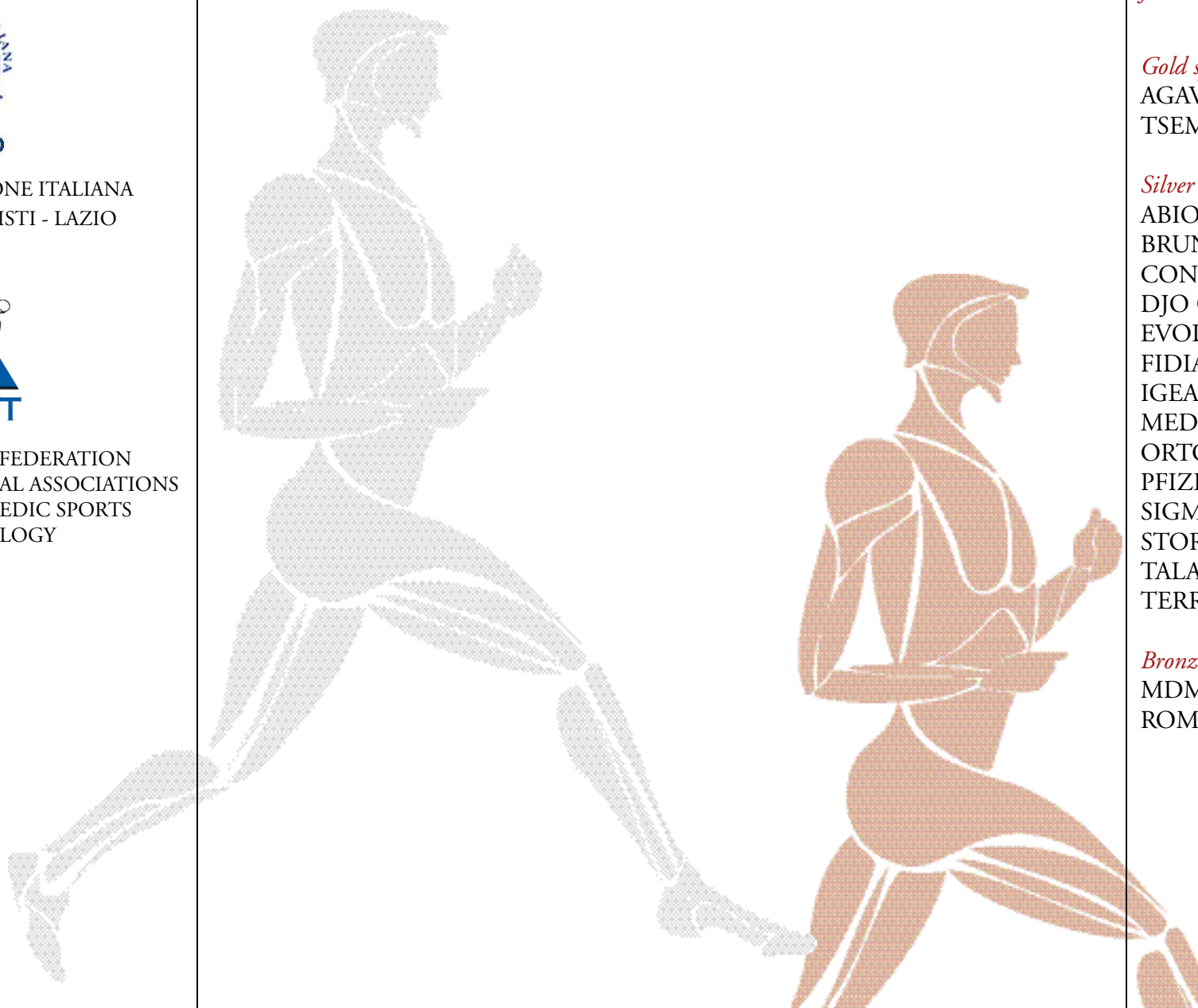


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