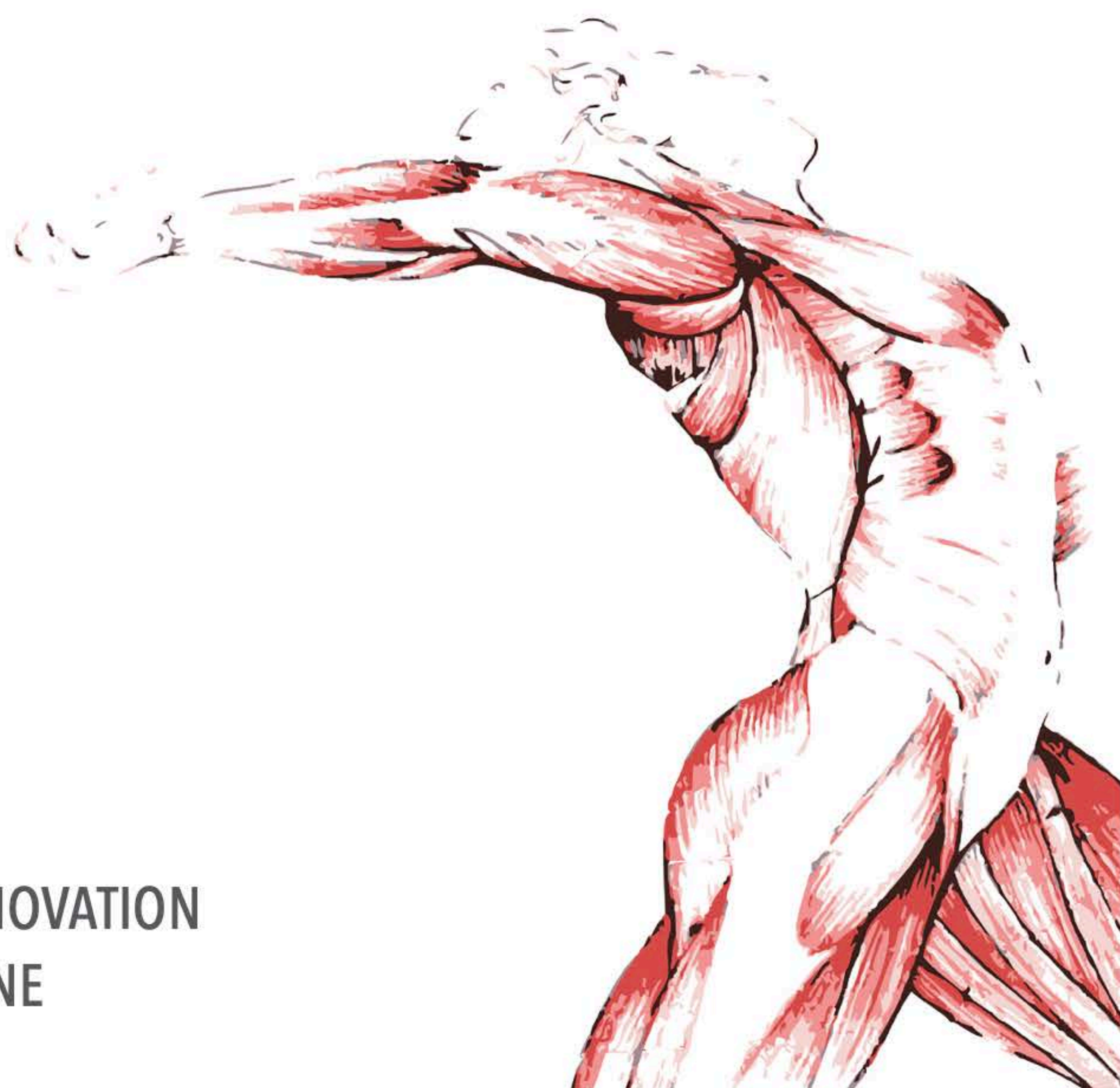


UNIVERSITÀ  
DEGLI STUDI  
DI TERAMO



# ISMULT:

# VIII SCIENTIFIC WORKSHOP

BIOLOGY BOOSTS TECHNOLOGY INNOVATION  
IN TENDON REGENERATIVE MEDICINE

**September 30<sup>th</sup> 2022 – 9:00 am – University of Teramo**

**Building Gabriele D'Annunzio – Conference Room**

**LANGUAGE:** English is the official language

**CERTIFICATE OF ATTENDANCE:** A certification of attendance will be available on request at the registration desk

**SCIENTIFIC ORGANIZER:** Barbara Barboni - Valentina Russo - Luana Greco (lgreco@unite.it)

▪ 8:30 - REGISTRATION

▪ 9:30 - WELCOME & I.S.M.u.L.T. PRESENTATION

**Dino Matroscola** *Rector, University of Teramo*

**Nicola Maffulli** *I.S.M.u.L.T. President*

*Department of Medicine and Surgery - University of Salerno - Italy*

*Queen Mary - University of London (UK)*

▪ 10:00 - Perinatal amnion epithelial cells and secreted mediators drive regenerative effects in congenital and chronic conditions: new allogenic therapies with no need of immunosuppression

**Roberto Gramignoli**

*Department of Laboratory Medicine - Karolinska Institutet - Sweden)*

▪ 10:30 - Secretome of perinatal cells and veterinary clinical application

**Anna Lange-Consiglio**

*Department of Veterinary Medicine and Animal Sciences - University of Milan La Statale - Italy)*

*Coffee break*

▪ 12:00 - How epithelial stem cells may support tenogenesis?

**Angelo Canciello**

*Faculty of Bioscience and Agro-Food and Environmental Technology - University of Teramo - Italy*

▪ 12:20 - Extraction of stem cells from healthy and tendinopathic human tendons and study on their response to T3 thyroid hormone

**Maria Camilla Ciardulli**

*Department of Medicine, Surgery & Dentistry - University of Salerno - Italy*

▪ 12:40 - Liposome formulation for thyroid hormone delivery: a study on human tendon stem/progenitor cells 3D culture

**Erwin Lamparelli**

*Department of Medicine, Surgery & Dentistry - University of Salerno - Italy*

*Lunch break*

▪ 14:30 - Animal models for tendon regeneration

**Antonio Crovace**

*Department of Emergency and Organ transplantation - University of Bari Aldo Moro - Italy*

▪ 15:00 - Tendon regenerative therapies in veterinary medicine

**Guy Wouters**

*Fat-Stem Laboratories - Belgium*

▪ 15:30 - A smart-3D medical device for tendon tissue engineering applications

**Mohammad El Khatib**

*Faculty of Bioscience and Agro-Food and Environmental Technology - University of Teramo - Italy*

▪ 15:50 - Tendon regenerative medicine in human clinics

**Paul Ackermann\***

*Department of Molecular Medicine and Surgery - Karolinska Institutet - Sweden*

(\*He will contribute to the debate at distance)

▪ 16:30 - CONCLUSIONS

The attendance in the workshop recognizes:

- 1 ECTS for PhD students and BsC in Biotechnology

- 0,5 ECT for MsC in Advanced Biotechnology & Veterinary Medicine



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