

LAVORI IN CORSO 2019

VENERDÌ 15 FEBBRAIO

Aula Grande, Fisiologia Umana, via Mangiagalli 32, Milano

PROGRAMMA ORARIO

9:30 - 10:00 ARRIVO

10:00 INTRODUZIONE LAVORI

10:10 Matteo PECCHIARI: Determinanti delle anse pletismografiche (Milano)

10:23 Eleonora SOLARI: TRP channels in sensing lymphatic vessels microenvironment (Insubria)

10:36 Fabio LAGINESTRA: Left ventricular response during prolonged exercise at moderate intensity (Verona)

10:49 Lucrezia ZUCCARELLI: Muscle O₂ uptake recovery kinetics in humans following cycle-ergometer exercise by the "repeated ischemia" near-infrared spectroscopy method (Udine)

11:01 Giorgio MANFERDELLI: cerebral deoxygenation during hypoxic exercise and possible association with acute mountain sickness (CNR)

11:14 Paolo BRUSEGHINI: Physiological responses of general vs. specific aerobic test in top-level karatekas: preliminary data (Brescia)

11:27 Filippo VACCARI: Effects of 3 months of HIIT vs. endurance training on body composition and fat oxidation in obese subjects (Udine)

11:40 Emiliano CÈ: Influence of skeletal muscle stretching on proprioception and balance control (Milano)

11:53 Anna TABONI: Sensibilità del baroriflesso: uno studio sul tilt test (Geneve)

12:06 Christian DORIA: Human diaphragm muscle mechanical response during electrical phrenic nerve stimulation: reliability of mechanomyographic measurements (Milano)

12:19 Matteo BONATO: A mobile application for home-based exercise intervention for people living with HIV (Milano)

12:32 Sarah TABOZZI: Impatto della sedentarietà sulla salute metabolica - studio pilota (CNR)

12:45 William ZARDO & Emanuele VILLA: Allenamento di precisione in bambini e adolescenti con emopatia maligna - Il progetto di ricerca Sport Therapy (Monza - Fondazione MBBM)

13:00 - 14:10 **PRANZO**

14:15 KEYNOTE - Vincenzo LOMBARDI: Role of thick filament mechanosensing in regulation of skeletal and heart muscle (Firenze)

14:35 Elena MONTI: Human muscle fascicle behavior during drop jumping in conditions of normal, hypo and hyper gravity (Padova)

14:48 Lorenza BROCCA: Effects of exercise prior to hindlimb unloading on muscle mass (Pavia)

15:01 James COWBURN: Musculoskeletal modelling: a new frontier in rehabilitation from lower-limb chronic unloading (Bath)

15:14 Andrea MONTE: Contraction speed and muscle geometry influences rapid utilization of available muscle force during "explosive" voluntary contraction (Verona)

15:27 Gennaro BOCCIA: The influences of muscle contractility on the rate of force development scaling factor (Torino)

15:40 Dario CAZZOLA: Neck muscles synergies: solutions for an overdetermined system (Bath)

15:53 Martino FRANCHI: Single snapshot vs. panoramic ultrasound imaging for the assessment of in vivo biceps femoris long head architecture (Balgrist - Zurich)

16:06 - 16:20 **PAUSA CAFFÈ**

16:20 Francesca NARDELLO: Biomechanical analysis of cervical spine motion during vehicle exit or extrication of healthy volunteers (Verona)

16:33 Federica GONNELLI: Neuromuscular electrical stimulation performed with different pulse lengths: which one can generate an extra force? (Udine)

16:46 Gaia GIURATO: Synchronization of muscle contraction and heartbeat: electrical stimulation vs voluntary contraction (Verona)

16:59 Marta COLOSIO: Neuromuscular fatigue in upper and lower limbs after incremental exercise (CNR)

17:12 Mattia LAVARDA: Neuromuscular fatigue in triathlon (CNR)

17:25 Giovanni VINETTI: Energy cost and optimal speed of walking in high-heeled shoes (Brescia)

17:38 Leonardo PEYRÉ-TARTARUGA: Pelvic-scapular coordination on Nordic walking: a pilot study (UFRGS – Porto Alegre)

17:51 Alberto MINETTI: Camminare o correre su brevi rampe di scale? Esperimenti di 'Micro VO₂' (Milano)

18:10 **FAREWELL COCKTAIL**