Muscle training in ageing, denervation and beyond

Padova & Terme Euganee (Italy), November 23 - 25, 2012

Terme Euganee Conference Hall, Hotel Augustus, Viale Stazione 150 - 35136 Montegrotto Terme, Padova, Italy
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Organizers: H. Kern and U. Carraro

Friday November 23, 2012
Department of Biomedical Sciences, University of Padua, Viale G. Colombo 3, Padova, Italy - Room F-PR
15.00 Lecture High-resolution spirometry for human permeabilized fibers from small muscle biopsies
Prof. Erich Gnaiger, Innsbruck Medical University, Austria
15.45 Lecture Malignant hyperthermia and exertional/environmental heat stroke: understand the molecular mechanisms to develop therapeutic interventions.
Prof. Feliciano Protasi, Chieti University, Italy

Terme Euganee Conference Hall, Hotel Augustus, Montegrotto Terme, Padova, Italy
18.00 – 19.30 Workshop Rise2-Italy Report – S. Masiero, Chairman
Program overview, Ugo Carraro, Padova, Italy
Muscle reinnervation on a difficult-to-stimulate case of Conus-Cauda Syndrome, Emiliana Bizzarrini et al., Udine, Italy
Sonography of denervated muscle, Riccardo Zanato, Roberto Stramare et al, Padova, Italy
20.00 – 21.00 Dinner
21.00 – 22.00 Organizing Meeting of the 2013Spring PaduaMuscleDays, March 15-17 & future collaborations

Saturday November 24, 2012
09.00 – 12.30 Workshop Interreg IVa “Mobility in elderly” – H. Kern, Chairman
Overview of collected and available muscle biopsies in Vienna, Stefan Löfler (10min)
Morphometry of skeletal muscle in sedentary and senior sportsmen, Sandra Zampieri, Ugo Carraro (20min)
Progressive un-coupling of mitochondria from calcium release units in ageing: implications for muscle performance, Feliciano Protasi, Simona Boncompagni (20min)
Training groups in Bratislava, Jan Cvecka, Milan Sedliak, Dusan Hamar (10min)
Potentiation&Fatigue responses in senior sportsmen, Nejc Sarabon (20min)
10.20 – 10.30 Coffee Break
10.30 – 11.30 Interreg IVa – Molecular Biology
The molecular basis of muscle ageing, Antonio Musarò (30min)
Atrophy/hypertrophy in healthy and diseased muscle and senior sportsmen, Marco Sandri (30min)
11.30 – 12.30 Perspectives in Rehabilitation of Oncologic Patients
Strength of muscles and QoL in tumor bearing patients, Richard Crevenna, Helmut Kern (20min)
Myopathic features in patients affected with newly diagnosed colorectal cancer, Sandra Zampieri (20min)
12.30 – 15.30 Lunch & Cycling Exercise
15.30 – 19.00 Papers in preparation: General Discussion
19.30 – 20.30 Dinner
21.00 – 22.00 Interreg IVa: Future collaboration in ageing & oncology

Sunday November 25, 2012
09.00 – 11.00 Interreg IVa “Mobility in elderly” partner meeting, Outlook 2013-2015