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
14.30 Lecture High-resolution respirometry in permeabilized fibers from small biopsies of human muscle
Prof. Erich Gnaiger, Innsbruck Medical University, Austria
15.15 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 Workshop Rise2-Italy Report – S. Masiero Winfried Mayr, Chairman
Muscle reinnervation on a difficult-to-stimulate case of Conus-Cauda Syndrome, Emiliana Bizzarini, et al., Udine, Italy
Sonography of denervated muscle, Riccardo Zanato, et al., Padova, Italy
*Long-term Effectiveness of h-b FES for denervated muscle is related to compliance. A case study by 3D Color Tomography, Paolo Gargiulo, et al., Reykjavik, Iceland *by Skype
*Muscle Density Changes after Electrical Stimulation Therapy with Neuroprostheses for Finger Rehabilitation, Thordur Helgason, et al., Reykjavik, Iceland *by Skype
Macrophages and muscle regeneration: a multi-faceted interaction that could lead to therapeutic tools. Eva Galletta et al., Padova, Italy

20.00 Dinner
21.00 Organizing Meeting of the 2013Spring PaduaMuscleDays, March 15-17 & future collaborations

Saturday November 24, 2012
Terme Euganee Conference Hall, Hotel Augustus, Montegrotto Terme, Padova, Italy
09.00 Workshop Interreg IVa “Mobility in elderly” – H. Kern, Chairman
10 min Program overview, H. Kern, Vienna, Austria
20 min Morphometry of skeletal muscle in sedentary elderly and senior sportsmen, Sandra Zampieri et al., Padua, Italy
20 min Progressive uncoupling of mitochondria from calcium release units in ageing: implications for muscle performance, Feliciano Protasi, Simona Boncompagni, Chieti, Italy
10 min Training groups in Bratislava, Jan Cvecka, Milan Sedliak, Dusan Hamar, Bratislava, Slovakia
10 min Potentiation & Fatigue responses in senior sportsmen, Nejc Sarabon, Koper, Slovenia
10 min *Assessment of total hip arthroplasty by 3D CT: evaluation of muscle and bone, Paolo Gargiulo, Reykjavik, Iceland *by Skype
10.20 Coffee Break
10.30 Interreg IVa – Molecular Biology
30 min The molecular basis of muscle ageing, Antonio Musarò, Rome, Italy
30 min Atrophy/hypertrophy in healthy and diseased muscle and senior sportsmen, Marco Sandri, Padua, Italy
11.30 Interreg IVa – Perspectives in Rehabilitation of Oncologic Patients
20 min Strength of muscles and QoL in tumor bearing patients, Richard Crevenna, Helmut Kern, Vienna, Italy
20 min Myopathic features in patients affected with newly diagnosed colorectal cancer, Sandra Zampieri, et al., Padua, Italy
12.30 Lunch & Cycling Exercise
15.30 Papers in preparation: General Discussion
19.30 Dinner
21.00 Interreg IVa: Future collaborations in ageing & oncology

Sunday November 25, 2012
Terme Euganee Conference Hall, Hotel Augustus, Montegrotto Terme, Padova, Italy
09.00 Interreg IVa “Mobility in elderly” Partner meeting, Outlook 2013-2015