2008 Autumn Padua Muscle Days
FES of Denervated Muscles & more
Terme Euganee, Padova (Italy), October 19 - 21, 2008

Sunday October 19, 2008
16.00 TM Workshop Test & Train Denervated Muscles by FES
H. Kern, S. Masiero & U. Carraro, Organizers

Monday October 20, 2008
Session 1. Quantitative Imaging of Muscle Tissue – T. Helgason & W. Mayr, Chairmen
9.00 Lecture: New devices for muscle stimulation and testing - Winfried Mayr, Vienna, Austria
9.45 Patella bone density by denervated and degenerated thigh muscles - T. Helgason, Reykjavic, Iceland;
10.15 Quantitative Fat and Muscle changes in DDM undergoing FES - P. Gargiulo, Reykjavic, Iceland
10.45 Ultrasound (US) in muscle pathology - R. Stramare, Padua, Italy
11.15 Coffee break
11.45 Skeletal muscle and inflammation: the heterogeneous immunological synapse - C. Borsato et al., Padua, Italy
12.15 Impact on clinical results of the myofiber to non-muscle tissue ratio in muscle biopsies of the European Project Rise - U. Carraro, Padua, Italy
13.0 Lunch & Posters

Session 2. Polymyositis and other myopathies – A. Doria & C. Angelini, Chairmen
15.00 Lecture: Calsequestrin 1: a new candidate gene for Malignant Hyperthermia (MH) and Exertional/Environmental Heat Stroke (EHS), Feliciano Protasi, Chieti, Italy
15.45 Idiopathic inflammatory myopathies: an update on the pathogenesis. G. Vattemi, Verona, Italy
16.15 Expression of regeneration markers in muscle biopsies from patients affected with autoimmune myositis - S. Zampieri, Padua, Italy
16.45 Autoimmune myositis: how many guiltiest are there? New insights beyond muscle damage, repair and therapy - C. Borsato et al., Padua, Italy
17.15 Focal transformation into bone/cartilage tissue within diaphragm of α-sarcoglycan-deficient mice - A. Jakubiec et al., Warsaw, Poland
17.45 Muscle morulae, markers of long-term denervation, are 3 to 5 year-old human denervated myofibers - N. Adami et al., Padua, Italy
20.00 cirMYO Dinner
Tuesday October 21, 2008

Session 3.  FES of denervated muscle: Rise2-Italy Trial – S. Masiero & R. Marenzi, Chairmen

9.00  Lecture: Final Report of the Eu-RISE-Project - Helmut Kern, Vienna, Austria

9.50  Rise2-Italy Trial: Muscle FES after peripheral nerve lesions. Our approach - E. Rossato et al., Padua, Italy

10.10 Ultrastructure of UMN and LMN denervated muscle before and after FES-training – Simona Boncompagni et al., Chieti, Italy

10.30  Coffee break

10.00 Epidemiology of Cauda Equina syndrome in the Spinal Unit of the Vicenza General Hospital - F. Cortese et al., Vicenza, Italy

11.20 08-Rise2-Italy Trial: How to enroll and start stimulation. A case report - M. Ferraro et al., Padua, Italy

11.40 Correlation between muscle fiber atrophy and survival in ALS - M. Volpe et al., Padua, Italy

12.00 Business Meeting of the 08Rise2-Italy Trial, U. Carraro & S. Masiero, Organizers

13.00 Lunch


15.00 Lecture: Muscle stretch improves external Ca^{2+} influx in long-term denervated skeletal muscles of the rat - Fabio Francini, Firenze, Italy

15.45 Membrane action potential of human long-term denervated muscle - C. Hofer, et al., Vienna, Austria

16.15 Oxidative stress, membrane damage and [Ca^{2+}] I unbalance in long-time denervated skeletal muscle - S. Beccafico, et al., Chieti, Italy

17.00 Persistence of regenerative myogenesis and of ion channel expression in spite of down-regulation of activity-dependent genes in long-term denervated rat muscle - M. Marini et al., Bologna, Italy

17.30 Neural potential of a stem cell population in the adipose tissues - B. Zavan, L. Lancerotto, V. Vindigni, Padua, Italy

18.00 Fiber type distribution in UMN denervated muscles before and after 2-year FES training - Biral D. et al., Padua, Italy

18.30 U. Carraro Auf Wiedersehen, Sjáms, Aurevoir, Arrivederci, See You to the 2009Spring PaduaMuscleDays!