



Interdepartmental Research Center of Myology
Department of Biomedical Sciences
University of Padua, Italy



Ludwig Boltzmann Institute
of Electrical Stimulation
and Physical Rehabilitation

Translational Myology in Aging and Neuromuscular Disorders

Terme Euganee, Padova (Italy), March 12 - 14, 2015

Terme Euganee Conference Hall, Hotel Augustus, Viale Stazione 150 - 35136 Montegrotto Terme, Padova, Italy
Phone +39 049 793 200 - Fax +39 049 793518 - http://www.hotelaugustus.com/english/pages/hotel_augustus.php - E-mail: info@hotelaugustus.com


Organizers

U Carraro, H Kern, J Jarvis, C Leeuwenburgh, W Lindenthaler, W Mayr, R Quinlivan, D D'Avella, S Masiero, A Musarò, F Piccione, M Sandri, G Vescovo
Topics: Muscle Imaging - Physical & Pharmacological Managements in Neuromuscular Disorders - Rehabilitation in Aging & Cardiac Failure, - Voice Rejuvenation



Thursday March 12, 2015

Terme Euganee Conference Hall, Hotel Augustus, Montegrotto Terme, Padova, Italy

- 11.30  **Partners Meeting of the CBC SK-AT 2007-15 "Mobility in elderly"** – H Kern, Chairman
- 15.00 Registrations
- 15.15 **Lecture of the Interdepartmental Research Center of Myology (CIR-Myo)** – C Reggiani, Chairman
- 15.15 **To be announced:** *To be announced*
- 16.00 **News in Myo-Imaging** – P Gargiulo, R Stramare, Chairmen
- 16.00 Correlations between muscle profiles from CT scans and heart failure in aging, associated to life styles and co-morbidities, P Gargiulo, Reykjavik, Iceland
- 16.30 Muscle hypertrophy with concentric and eccentric training: architectural, molecular, metabolic and functional adaptations, M Franchi, Nottingham, UK
- 17.00 Mitochondrial density and distribution in horse muscle submitted to FES, S Schils *et al.* River Falls, WI, USA and Padova, Italy
- 17.30 To be announced, R Stramare, Padova, Italy
- 18.00 Coffee Break
- 18.30 **Rise4EU & SAVE-ALS** – W Mayr, S Masiero, Chairmen
- 18.30 Myogenic stem cells from adipose tissue for muscle regeneration studies of the Rise4EU Project, V Vindigni *et al.*, Padova, Italy
- 19.00 Functional and structural characteristics of denervated muscles from oldest old rat: a new animal model for electrical stimulation of denervated muscle fibers in ALS? D Danieli *et al.*, Padova, Italy
- 19.30 Dinner
- 21.00 **Organizing Meeting of "The EU Initiative for Translational Myology" - I**

EJTM WebSite http://pagepressjournals.org/index.php/bam/index	eISSN 2037-7460 ISSN 2037 – 7452	BAM On-Line http://www.bio.unipd.it/bam/bam.html
Organizing Secretariat: Ugo Carraro, Padua University, Department of Biomedical Sciences Via Bassi 58/B, I-35131 Padova, Italy - Phone: +39 049 8276030; fax +39 049 8276040; E-mail: ugo.carraro@unipd.it		



Interdepartmental Research Center of Myology
Department of Biomedical Sciences
University of Padua, Italy



Ludwig Boltzmann Institute
of Electrical Stimulation
and Physical Rehabilitation

Translational Myology in Aging and Neuromuscular Disorders

Terme Euganee, Padova (Italy), March 12 - 14, 2015

Terme Euganee Conference Hall, Hotel Augustus, Viale Stazione 150 - 35136 Montegrotto Terme, Padova, Italy
Phone +39 049 793 200 - Fax +39 049 793518 - http://www.hotelaugustus.com/english/pages/hotel_augustus.php - E-mail: info@hotelaugustus.com

Organizers

U Carraro, H Kern, J Jarvis, C Leeuwenburgh, W Lindenthaler, W Mayr, R Quinlivan, D D'Avella, S Masiero, A Musarò, F Piccione, M Sandri, G Vescovo
Topics: Muscle Imaging - Physical & Pharmacological Managements in Neuromuscular Disorders - Rehabilitation in Aging & Cardiac Failure, - Voice Rejuvenation

Friday March 13, 2015

08.30 Courtesy Bus to Luvigliano di Torreglia, Euganei Hills (Padova)

The Villa Veneta Muscle Meeting: Villa dei Vescovi, Luvigliano, Euganei Hills

- 08.50 **Openings** *Marco Sandri, CIR-Myo, Director, University of Padua, Italy*
Rosario Rizzuto, Department of Biomedical Science, Head, University of Padua, Italy
Annalena Venneri, San Camillo Hospital I.R.C.C.S., Scientific Director, Venice-Lido, Italy
- 09.00 **Lecture of the Interdepartmental Research Center of Myology (CIR-Myo) – M Sandri, Chairman**
Ros Quinlivan, London, UK: An update on treatment for Duchenne Muscular Dystrophy
- 09.40 **Pharmacological managements & physical rehabilitation of muscle dystrophies – R Quinlivan, U Carraro, Chairmen**
- 09.40 Diagnosis and pharmacological management of muscle channelopathies, *E Matthews, London, UK*
- 10.00 Small molecules for novel therapeutic approaches in sarcoglycanopathy, *D Sandonà, Padova, Italy*
- 10.20 Toward a mitochondrial therapy of muscular dystrophies: a progress report, *P Bernardi, Padova, Italy*
- 10.40 Coffee Break
- 11.00 **Physical rehabilitation & pharmacological managements of muscle dystrophies – R Quinlivan, S Adamo, Chairmen**
- 11.00 Functional data and response to exercise in McArdle's disease: from reporting to training patients' empowerment, *A Martinuzzi, Conegliano, Italy*
- 11.20 Persistent muscle fiber regeneration in denervated human muscle. Past, present, future, *U Carraro, Padova & Venezia-Lido, Italy and Vienna, Austria*
- 11.40 NMES in myotonic dystrophies, *A Marcante, et al., Padova & Venezia-Lido, Italy*
- 12.00 To be announced, *To be announced*
- 12.30 Lunch
- 14.00  **Workshop CBC SK-AT 2007-15 “Mobility in elderly and cancer” – H Kern, F Protasi, Chairmen**
- 14.30 Role of tissue niche in aging and neuromuscular disease, *A Musarò, Rome, Italy*
- 15.00 Physical exercise and FES in human aging: effects on muscle trophism and MCU expression, *S Zampieri et al., Padova, Italy & Vienna, Austria*
- 15.20 Migrating tumor cells and muscle wasting: Role of DOG1 (Discovered On Gastrointestinal Stromal Tumor 1) in tumor cell motility and skeletal muscle colonization, *E Berardi, Leuven Belgium*
- 15.40 Perilipins in human muscle atrophy related to aging and cancer, *M Conte, Bologna, Italy*
- 16.00 To be announced, *N Sarabon et al., Koper, Slovenia*
- 16.20 To be announced, *J Cvecka et al., Bratislava, Slovakia*
- 16.40 Coffee Break
- 17.00  **Workshop CBC SK-AT 2007-15 – Molecular Biology – A Musarò, M Sandri, Chairmen**
- 17.00 Novel routes for muscle mass regulation: Focus on mitochondria, *M Sandri, Padova, Italy*
- 17.20 Mitochondrial biogenesis and autophagy and targets for improved longevity, *Ch Leeuwenburgh, Gainesville, FL, USA*
- 17.40 The Mitochondrial Calcium Uniporter controls skeletal muscle trophism in vivo, *C Mammucari et al., Padova, Italy*
- 18.00 Keeping mitochondria in shape: a matter of life or death, *L Scorrano, Padova, Italy*
- 18.20 Spritz and vines of Euganei Hills
- 18.30 Courtesy Return Bus to Terme Euganee Hotel Augustus
- 20.00 Dinner
- 21.00 **Organizing Meeting for proposal(s) to the EU Program HORIZON 2020 - II**

EJTM WebSite http://pagepressjournals.org/index.php/bam/index	eISSN 2037-7460 ISSN 2037 – 7452	BAM On-Line http://www.bio.unipd.it/bam/bam.html
Organizing Secretariat: Ugo Carraro, Padua University, Department of Biomedical Sciences Via Bassi 58/B, I-35131 Padova, Italy - Phone: +39 049 8276030; fax +39 049 8276040; E-mail: ugo.carraro@unipd.it		



Interdepartmental Research Center of Myology
Department of Biomedical Sciences
University of Padua, Italy



Ludwig Boltzmann Institute
of Electrical Stimulation
and Physical Rehabilitation

Translational Myology in Aging and Neuromuscular Disorders

Terme Euganee, Padova (Italy), March 12 - 14, 2015

Terme Euganee Conference Hall, Hotel Augustus, Viale Stazione 150 - 35136 Montegrotto Terme, Padova, Italy
Phone +39 049 793 200 - Fax +39 049 793518 - http://www.hotelaugustus.com/english/pages/hotel_augustus.php - E-mail: info@hotelaugustus.com

Organizers

U Carraro, H Kern, J Jarvis, C Leeuwenburgh, W Lindenthaler, W Mayr, R Quinlivan, D D'Avella, S Masiero, A Musarò, F Piccione, M Sandri, G Vescovo
Topics: Muscle Imaging - Physical & Pharmacological Managements in Neuromuscular Disorders - Rehabilitation in Aging & Cardiac Failure, - Voice Rejuvenation

Saturday March 14, 2015

Terme Euganee Conference Hall, Hotel Augustus, Montegrotto Terme, Padova, Italy

- 09.15 **Lecture of the Interdepartmental Research Center of Myology (CIR-Myo)** – U Carraro, Chairman
- 09.15 **Feliciano Protasi**, Chieti, Italy: *Link between malignant hyperthermia and environmental heat stroke: just a medical hypothesis?*
- 10.00 **MED[®]EL Workshop: Voice rejuvenation** – J Jarvis, M Gugatschka, Chairmen
- 10.00 To be announced, *To be announced*
- 10.30 To be announced, *To be announced*
- 11.00 Coffee Break
- 11.30 **MED[®]EL Workshop: Neuromodulation in Neurological Disorders** – To be announced, Graupe D, Chairmen
- 11.30 Neuromodulation of muscle reinnervation in an animal model, M Willand, Toronto, Canada
- 12.00 To be announced, *To be announced*
- 12.30 Patient Data Concerning EMG-Based On-Demand Predictive Control of Deep-Brain Stimulation in Parkinson Patients and Their Significance, D Graupe, Chicago, IL, USA
- 13.00 Lunch
- 14.30 **Mobility Rehabilitation in Aging & Cardiac Failure** – Ch Leeuwenburgh, G Vescovo, Chairmen
- 14.30 Skeletal muscle regeneration in heart failure, G Vescovo, Padova, Italy
- 15.00 Multicomponent interventions against sarcopenia and frailty, E Marzetti, Rome, Italy
- 15.30 Role of mitochondrial DNA-TFAM interactions in the age-related mitochondrial dysfunction, AMS Lezza, Bari, Italy
- 16.00 To be announced, S Boncompagni, Chieti, Italy
- 16.30 Resistance training and skeletal muscle: an healthy virtuous relationship, A Paoli, Padova, Italy
- 17.00 Coffee Break
- 17.30 **ALS and Related Neuromuscular Disorders** – D D'Avella, F Piccione, Chairmen
- 17.30 Vagus stimulation: first report, *To be announced*
- 18.00 To be announced, *To be announced*
- 18.30 The SAVE-ALS Project: first report, U Carraro, Padova & Venezia-Lido, Italy and Vienna, Austria
- 19.00 U Carraro - Adjö, Arrivederci, Auf Wiedersehen, Aurevoir, Búcsú, Despedida, Poslovite, Sjámsst, See You to 2015Autumn Padua Muscle Days
- 19.30 Dinner
- 21.00 **Organizing Meeting for proposal(s) to the EU Program HORIZON 2020 - III**

EJTM WebSite

<http://pagepressjournals.org/index.php/bam/index>

eISSN 2037-7460

ISSN 2037 – 7452

BAM On-Line

<http://www.bio.unipd.it/bam/bam.html>

Organizing Secretariat: Ugo Carraro, Padua University, Department of Biomedical Sciences

ViaBassi 58/B, I-35131 Padova, Italy - Phone: +39 049 8276030; fax +39 049 8276040; E-mail: ugo.carraro@unipd.it