

2023 On-site Pdm3, March 29 - April 1, 2023 - Thermae of Euganean Hills, Padua (Italy)



2023 Padua Days on Muscle & Mobility Medicine

Hotel Petrarca, Piazza Roma 23, Montegrotto Terme, Euganean Hills, (Padua), 35122 Italy

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Organizers

Elisabeth R. Barton, Ugo Carraro, Marcus Coplin, Raffaele De Caro, Paolo Gargiulo, Elena P. Ivanova, Helmut Kern, Nathan K. LeBrasseur, Christiaan Leeuwenburgh, Alessandro Martini, Stefano Masiero, Marco Narici, Rosanna Piccirillo, Riccardo Rosati, Jorge Ruas, Marco Sandri, Piera Smeriglio, Carla Stecco, H. Lee Sweeney, Sandra Zampieri

Guariento Hall, Galilean Academy of Arts and Science of Padua, Italy

WEDNESDAY March 29, 2023

08:00 AM – Complimentary Bus Transfer to Padua

09:00 AM Openings: To be announced

09:20 AM Lecture of Carlo Reggiani: Single fibers as a tool in aging muscle research

10:00 AM Session I: Adaptions to Physical Exercise in Aging: from cell to functioning

Marco Narici, Ugo Carraro, Chairs

10:00 AM Russell Hepple, University of Florida, USA: To be announced

10:20 AM Charlotte Suetta, University of Copenhagen, DK: To be announced

10:40 AM Alcazar Jose, Universidad de Castilla-La Mancha, Toledo, Spain): To be announced

11:00 AM Simone Porcelli, University of Pavia, Italy: Home-based aerobic exercise training improves skeletal muscle oxidative metabolism in old people

11:20 AM Martino Franchi, University of Padua, Italy: Differential muscle adaptations to concentric and eccentric resistance training in older people

11:40 AM Marco Narici, University of Padua, Italy: The neuroprotective effects of exercise in older age

12:00 AM Ugo Carraro, University of Padua, Italy: Combating muscle weakness in bed-ridden elderly with Home-based Full-Body in-Bed Gym (hbFBiBG): Basics and implementation

12:20 AM Maria Chiara Maccarone, University of Padua, Italy: hbFBiBG: Preliminary Results of the Padua Initiative

12:40 AM To be announced

13.00 AM Lunch



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02:30 PM - SESSION II: Epigenetics of Skeletal Muscle - Piera Smeriglio, Christiaan Leeuwenburgh, Chairs

02:30 PM – To be announced

02:50 PM – To be announced

03:10 PM – To be announced

03:20 PM – To be announced

03:40 PM – To be announced

04:00 PM – To be announced

04:20 PM – To be announced

04:40 PM - Break

04:50 PM - SESSION III: From MiRNA to LNC-RNA - Rosanna Piccirillo, Jorge Ruas, Chairs

04:50 PM – To be announced

05:10 PM – Christiaan Leeuwenburgh, University of Florida, Gainesville, FL US: Differentially expressed muscle and circulatory miRNAs and genes in artery diseases

05:30 PM – To be announced

05:50 PM – To be announced

06:10 PM – To be announced

06:30 PM – To be announced

07:00 PM – Complimentary Bus Transfer to Hotel Petrarca, Thermae of Euganean Hills (Padua), Italy

08:00 PM – Dinner

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Conference Hall, Hotel Petraca, Thermae of Euganean Hills (Padua) Italy

THURSDAY March 30, 2023

09:00 AM - SESSION IVa: Genetic muscle diseases - Elisabeth R. Barton, H. Lee Sweeney, Chairs

09:00 AM H. Lee Sweeney, University of Florida, USA: Improving upon AAV.micro-dystrophin gene therapy for DMD

09:20 AM - To Be Announced

09:40 AM - To Be Announced

10:00 AM - To Be Announced

10:20 AM - To Be Announced

10:40 AM - To Be Announced

12:30 AM Lunch

02:30 PM - SESSION IVb: Genetic Muscle diseases - H. Lee Sweeney, Elisabeth R. Barton, Chairs

02:30 PM - To be announced

02:50 PM - To be announced

03:10 PM - To be announced

03:30 PM - To be announced

03:50 PM - To be announced

04:10 PM - To be announced

04:30 PM - Break

04:40 PM - SESSION V: Twenty Years of AIM – Daniela Tavian, Corrado Angelini, Chairs

04.40 PM – Daniela Tavian, Milan, Italy: NLSDM: exploring treatment in cell model

05:00 PM – To be announced

05:20 PM – To be announced

05:30 PM – To be announced

05:50 PM – To be announced

06:10 PM – To be announced

06:30 PM – To be announced

06:50 PM – To be announced

07:30 PM - Dinner

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FRIDAY March 31, 2023

ROOM B, Hotel Petraca, Thermae of Euganean Hills (Padua) Italy

09:30 AM – Practical Course on functional analysis of the stomatognathic system – Claudia Dellavia, Riccardo Rosati, Chairs

Dedicated to dentists who want to review/expand the functional analysis protocols of the stomatognathic system developed at the Laboratory of Functional Anatomy of the Stomatognathic Apparatus (LAFAS) of the University of Milan

9.30-11.00: Instrumental evaluations of the stomatognathic apparatus: static tests

11.00-11.15 break

11.15-12.30: Instrumental evaluations of the stomatognathic apparatus: dynamic tests

Conference Hall, Hotel Petraca, Thermae of Euganean Hills (Padua) Italy

09:00 AM - SESSION VI: Senescence & Rejuvenation - Nathan K. LeBrasseur, Christiaan Leewenburgh, Chairs

09:00 AM - Nathan K. LeBrasseur, Mayo Clinic, Rochester, Minnesota, US: Biomarkers of cellular senescence and physical function in humans: observations from elders (LIFE) study

09:20 AM - To Be Announced

09:40 AM - To Be Announced

10:00 AM - To Be Announced

10:20 AM - To Be Announced

10:40 AM - To Be Announced

10:50 - Break

11:00 AM - SESSION VII: Muscle Fascia, biology and pathology - Carla Stecco, Alessandro Martini - Chairs

11:00 AM – Carla Stecco, University of Padua, Italy: Fascia and aging

11:15 AM - Alessandro Martini, University of Padua, Italy: Tensor Tympani and Stapedius: two unknown muscles

11:30 AM – Carmelo Pirri, University of Padua, Italy: Fascia and Ultra Sounds

11:45 AM – Caterina Fede, University of Padua, Italy: Fasciae and hormones

12:00 AM – Giovanna Albertin, University of Padua, Italy: Lymphatic drainage of the subcutaneous tissue

12:15 AM – Lucia Petrelli, University of Padua, Italy: Innervation and vascularization of the superficial fascia

12:30 AM Lunch

02:30 PM - SESSION VIII: Non-invasive Assessments in Myology - Paolo Gargiulo, Ugo Carraro, Chairs

02:30 PM - Riccardo Forni, Paolo Gargiulo, University of Reykjavik, Iceland: 3D Printing and radiodensity characterization of cardiac tissue: virtual histology and age dependency.

03:00 PM - Valentina Betti, Halldór Jónsson Jr, Luca Cristofolini, Magnús Kjártan Gíslason, Paolo Gargiulo, University of Reykjavik, Iceland: In in silico 3d approach to evaluate bone remodelling after total hip arthroplasty: a six years longitudinal study.

03:15 PM - Federica Ciliberti, Halldór Jónsson Jr, Paolo Gargiulo, University of Reykjavik, Iceland: Novel strategies for cartilage assessment, interplay between bone and muscle

03:30 PM - To be announced



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03:45 PM - Lorenza Bonaldi, University of Padua, Italy: Deep learning applied to fascial alteration

04:00 PM - Ugo Carraro, University of Padua, Italy: Non-invasive inflammatory biomarkers in saliva and sweat analyses

04:15 PM - Break

04:30 PM - SESSION IX: Muscle Rehabilitation in Dentistry - Riccardo Rosati, Elena P. Ivanova, Chairs

04:30 PM - Riccardo Rosati: To Be Announced

04:45 PM - Claudia Dellavia: To Be Announced

05:00 PM - Elena P. Ivanova, Rehabilitation and Balneology Center, Moscow, Russia: Innovative methods of full dental rehabilitation

05:15 PM - To Be Announced

07:30 PM – Dinner

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SATURDAY April 1, 2023

09:00 AM – Session X: Muscle Rehabilitation in Sedentary Aging – Sandra Zampieri, Feliciano Protasi, Chairs

09:00 AM – Helmut Kern, Vienna Austria: Thirty years of collaboration Austria, Italy, Slovakia, Slovenia

09:20 AM - Stephan Loeffler, Vienna, Austria: To Be Announced

09:40 AM - Feliciano Protasi, Chieti, Italy: To Be Announced

10:00 AM – Antonio Musarò, Rome, Italy: To Be Announced

10:20 AM – Sandra Zampieri, Padua, Italy: To Be Announced

10:40 Break

10:50 AM - Nejc Sarabon, Koper, Slovenia: To Be Announced

11:10 AM - Milan Sedliak, Bratislava, Slovakia : To Be Announced

11:30 AM - Jan Cvecka, Bratislava, Slovakia: To Be Announced

11:50 AM – General Discussion

12.30 AM Lunch

02:30 PM - SESSION XI: European Medical Thermalism and FEMTEC– Marcus Coplin, Stefano Masiero - Chairs

02:30 PM – Marcus Coplin: To be announced

02:45 PM – Stefano Masiero, University of Padua, Italy: To be announced

03:00 PM – To be announced

03.15 PM – To be announced

03:30 PM – To be announced

03:45 PM – To be announced

04.00 PM - Andrey Rachin, Rehabilitation and Balneology Center, Moscow, Russia: Modern methods of neuro-rehabilitation

04:15 PM - Irina A. Grishechkina, Rehabilitation and Balneology Center, Moscow, Russia: Outcomes of rehabilitation programs in patients with post-COVID-19 syndrome

04.30 PM - Break

04:45 AM - European Medical Thermalism, Practical Activities – Stefano Masiero, Marcus Coplin Organizers

To Be Announced

07:15 PM - See you to the 2024 Padua Days of Muscle and Mobility Medicine (2024 PDM3) - Ugo Carraro

07:30 PM - Dinner