Keynote Presentation

Building Kayak Excellence: from the Adolescent to the Elite Athlete
Marco Vescovi (Medical Staff Cus Pavia Canoe)

Symposium: From Exercise Endpoints to Genes: It really is Twisted in the Details

Integrated Systems Physiology: Basic Science Driving Translational Application for Mechanical Loading of Soft Tissue
Brent Baker (National Institute for Occupational Safety and Health)

Skeletal Muscle Injury and Repair: Cellular Mechanisms Driving Potential Interventions
Maria Urso (United States Army Research Institute of Environmental Medicine)

Genetic Regulation of Myofiber Hypertrophy
Anna Thalacker-Mercer (University of Alabama at Birmingham)

Symposium

Physical Activity for Health in Diabetes
Freya Macmillan (University of Strathclyde)

Physical Activity for Health in Type 2 Diabetes
Alison Kirk (University of Strathclyde)
Symposium

Influences on Pulmonary and Muscular VO2-Kinetics
Uwe Drescher (German Sport University Cologne)

Influences of Cardiogenic Factors on Respiratory VO2-Kinetics
Uwe Hoffmann (German Sport University Cologne)

Cardiovascular and Skeletal Muscular Interactions Determining VO2 Kinetics in Health and Disease
Harry Rossiter (University of Leeds)

Symposium

Should Athletes be Supplemented in Antioxidant?
Carine Platat (United Arab Emirates University)

Usefulness and Potential Harms of Antioxidant Supplementation
Helaine Alessio (University of Miami, Ohio)

Antioxidants in the Treatment/Prevention of Exercise-Induced Oxidative Stress
Allan Goldfarb (University of North Carolina Greensboro)

Symposium

Faculty and Student Perspectives on Undergraduate Research
Alan Jung (Samford University)
John Petrella (Samford University)
Olivia Bosshardt (Samford University)