

Sunday, 5 May 2019

11:00-13:30 Registration

13:30-13:40 Welcome and introduction

13:40-14:25 **Keynote:** Elizabeth M. McNally, *Feinberg School of Medicine at Northwestern University, USA*

Session 1: Molecular inter-connections between Nutrition & Exercise

14:25-14:55 **AMP-activated protein kinase-dependent and -independent control of glucose homeostasis**

Kei Sakamoto, Nestlé Institute of Health Sciences, Switzerland

14:55-15:25 **Exercise regulates the response to cancer immune check point inhibition**

Pernille Hojman, Copenhagen University Hospital, Denmark

15:25-15:55 Refreshment break

15:55-16:25 Bruce Spiegelman, *Dana Faber Cancer Institute, USA*

16:25-16:55 **The Phoenix: A central role for muscle carnitine in muscle fuel selection**

Paul Greenhaff, University of Nottingham, UK

16:55-17:10 Short talk 1

17:10-17:25 Short talk 2

17:25-18:15 Q & A Session with Editors

18:15-19:15 Welcome drinks reception

Monday, 6 May 2019

Session 2: Substrate metabolism under physiological challenges

09:00-09:30 Bente Kiens, *University of Copenhagen, Denmark*

09:30-10:00 John Hawley, *Australia Catholic University, Australia*

10:00-10:30 Andrew Jones, *University of Exeter, UK*

10:30-11:00 Refreshment break

Session 3: Inter-organ communication and signal integration in health and disease

11:00-11:30 Eric Olson, *University of Texas Southwestern, USA*

11:30-12:00 Mark Febbraio, *Garvan Institute of Medical Research, Australia*

12:00-12:15 Short talk 3

12:15-12:30 Short talk 4

12:30-13:45 Lunch

13:45-15:45 Poster session 1 (with refreshments)

Session 3: Inter-organ communication and signal integration in health and disease (continued)

15:45-16:00 Katja Lamia, *The Scripps Research Institute, USA*

16:00-16:30 **Skeletal muscle mediators and exercise-induced adaptations governing insulin sensitivity: Turning back time on diabetes pathogenesis**

Juleen Zierath, Karolinska Institute, Sweden

16:30-16:45 Short talk 5

16:45-17:15 Short talk 6

19:00-22:00 **Meet the speakers dinner** (ticket required)

Tuesday, 7 May 2019

Session 4: Exercise-induced pathways and protein homeostasis

- 09:00-09:30 K. Sreekumaran Nair, *Mayo Clinic, USA*
- 09:30-10:00 Beth Levine, *University of Texas Southwestern Medical Center, USA*
- 10:00-10:30 **Exercise and pharmacotherapeutics: Interactions between healthspan-extending interventions**
Karyn Hamilton, *Colorado State University, USA*
- 10:30-11:00 Refreshment break
- 11:00-11:15 Short talk 7
- 11:15-11:30 Short talk 8
- 11:30-12:00 Stuart Phillips, *McMaster University, Canada*
- 12:00-13:30 Lunch
- 13:30-15:30 Poster session 2

Session 5: Integrated landscape of Nutrition & Exercise

- 15:30-16:00 David James, *The University of Sydney, Australia*
- 16:00-16:30 Molly Bray, *The University of Texas at Austin, USA*
- 16:30-16:45 Short talk 9
- 16:45-17:00 Short talk 10
- 17:00-17:30 Satchidananda Panda, *Salk Institute for Biological Studies USA*
- 17:30-18.15 **Keynote: Systems genetics approaches to explore mitochondria and aging**
Johan Auwerx, *Ecole Polytechnique Fédérale de Lausanne, Switzerland*
- 18:15-18:20 Conference closing
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