Interuniversity Doctoral School 12 May 2014
State of the Art in Exercise Physiology

International speakers: David Bishop and Paul Greenhaff
National speakers: Louise Deldicque, Wim Derave, Marc Francaux, Peter Hespel and Romain Meeusen

PROGRAMME

8h45-9h00: Welcome
9h00-9h05: Introduction
9h05-10h00: Paul Greenhaff (University of Nottingham, UK)
   Regulation of muscle fuel metabolism and mass under non-inflammatory and inflammatory conditions
10h00-10h30: Wim Derave (UGent)
   Carnosine in muscle: new functions for an old molecule
10h30-10h50: coffee break
10h50-11h50: 4x15 min oral presentations by docs/post-docs
   - Cinthia Maria Saucedo Marquez (KU Leuven): Brain derived neurotrophic factor (BDNF) levels after high interval training are higher than after an intense continuous exercise in healthy young men
   - Kevin De Pauw (VUB): Cycling & recovery in the heat: what can the brain tell us?
   - Stéphanie Hody (ULg): The small Heat Shock Proteins (sHSPs) response following eccentric exercise
11h50-12h20: Louise Deldicque (KU Leuven)
   Regulation of muscle mass by hypoxia
12h20-13h20: lunch
13h20-14h20: David Bishop (Victoria University, Australia)
    15 years of applied sport science research: highlights and lessons learned?
14h20-14h50: Romain Meeusen (VUB)
    What happens in the brain during exercise?
14h50-15h20: 3x15 min oral presentations by docs/post-docs
    - Hendrik Mommaerts (KU Leuven): Muscle development in NOGGIN null mice
    - Julie Rodriguez (UCLouvain): Identification of urolithin B as a new regulator of skeletal muscle mass
    - Pieter-Henk Boer (UGent): The influence of sprint interval training on body composition, physical and metabolic fitness in adolescents and young adults with intellectual disability: a randomized controlled trial.

15h35-15h55: coffee break

15h55-16h25: Marc Francaux (Université catholique de Louvain)
    The role of autophagy in muscle remodeling induced by exercise
16h25-16h55: Peter Hespel (KU Leuven)
    Hypoxic training to improve exercise performance
16h55-17h25: 2x15 min oral presentations by docs/post-docs
    - Sven Feys (KU Leuven): Damage Associated Molecular Pattern and innate cytokine release in the airways of competitive swimmers
    - Tine Bex (UGent): Both endurance and sprint-interval training improve BA-induced muscle carnosine loading
PRACTICAL INFORMATION

Venue
Faculteit Bewegings- en Revalidatiewetenschappen (FaBeR)
Building: De Nayer
Room: Aula
Tervuursevest 101
3001 Heverlee
Belgium

How to get there

Catering
Food and drinks will be provided for free for participants during the coffee and lunch breaks.

Language
English

Registration
The seminar is free but all participants need to register by sending an e-mail at louise.deldicque@faber.kuleuven.be before Wednesday 7 May 2014.

Abstracts
PhD students and post-docs are encouraged to send an abstract of max 250 words which will be reviewed by the organizing committee. The 6 best abstracts within the PhD students and the 2 best abstracts within the post-docs will be selected for an oral presentation. Deadline for submission: Monday 14 April to louise.deldicque@faber.kuleuven.be. You will be notified on Wednesday 23 April whether you were selected for an oral presentation as well as the schedule of your presentation. There is no poster session.