



Danish Diabetes Academy

PhD & Postdoc Course:
Metabolic Aspects of the
Brain Muscle Axis

3 - 4 September 2020

Online course



UNIVERSITY OF
CAMBRIDGE



Cambridge
Metabolic
Network

Programme

Thursday 3 September



09:00–09:30 **Welcome & Meet & Greet**

Education Manager **Jette Husum**, DDA (DK)

Moderator: Professor **Frank Reimann**, Institute of Metabolic Science in Cambridge (UK)

09:30-10:40 **Key points from webcasts & Questions & Answers**

Neural Integration of Peripheral Metabolic Signals Regulating Energy Homeostasis

Associate Professor **Christoffer Clemmensen**, University of Copenhagen (DK)

Central Nutrient Sensing in the Control Of Appetite and Metabolism

Programme Leader Track, Dr **Clemence Blouet**, University of Cambridge (UK)

The Skeletal Muscle Niche and the Role of Non-Myogenic Cells in Maintaining Muscle Homeostasis

Assistant Professor **Jean Farup**, Aarhus University, (DK)

Studying Obesity with Human Hypothalamic Neurons

Senior Research Associate, Dr **Florian Merkle**, University of Cambridge, (UK)

10:40-10:50 **Tea & Coffee break**

10:50-11:30 **Group work and discussion – next challenges in the field**

11:30-11:45 **Follow up on the group work**

Co-host: Professor Jørgen Jensen, Department of Physical Performance, Norwegian School of Sport Sciences (NO)

12:00-13:30 Lunch

13:30-14:25 **Poster pitches & presentations I**

Moderator: Professor **Frank Reimann**, Institute of Metabolic Science in Cambridge (UK)

14:20-14:30 **Closing remarks**

Moderator: Professor **Frank Reimann**, Institute of Metabolic Science in Cambridge (UK)

Programme

Friday 4 September

09:00-09:20 Welcome & Networking

09:20-09:50 **Key points from webcasts**

Moderator: Professor **Niels Ørtenblad**, University of Southern Denmark (DK)

An Integrative Approach to Explore and Better Understand the Mammalian Brain

Associate Professor **Lin Lin**, Aarhus University (DK)

Insulin-Stimulated Glucose Transport in Health & Insulin Resistance

Senior Research Associate, Dr **Daniel Fazakerley** University of Cambridge (UK)

Muscling In On the Mechanisms Underlying Exercise's Beneficial Effects on Health –and Some Methodological Considerations

Assistant Professor **Lykke Sylow** University of Copenhagen (DK)

AMPK and TBC1D4 - Linking Exercise to Muscle Insulin Sensitization

Postdoctoral fellow **Rasmus Kjøbsted** University of Copenhagen (DK)

Maternal Exercise Intervention in Obese Pregnancy and the Associated Cardiovascular Outcomes in the Adult Male Offspring

Research Associate, Dr **Heather Blackmore** University of Cambridge (UK)



09:50-10:00	Tea & Coffee break
10:00-10:45	Panel discussion Moderator: Professor Niels Ørtenblad , University of Southern Denmark (DK)
10:45-10:55	Tea & Coffee break
10:55-11:35	Group work and discussion – next challenges in the field
11:35-12:00	Follow up on group work Co-host: Professor Niels Jessen , Aarhus University (DK)
12:00-13:30	Lunch
13:30-14:25	Poster pitches & presentations II Moderator: Professor Niels Ørtenblad , University of Southern Denmark (DK)
14:20-14:30	Summary & Closing remarks Moderator: Professor Niels Ørtenblad , University of Southern Denmark (DK)

Organising Committee Scientific Programme

Clemence Blouet Dr. PhD, Programme Leader Track, Wellcome-MRC
Institute of Metabolic Science- Metabolic Research Laboratories, University of
Cambridge (UK)

Niels Jessen Professor, Head of Research, Department of Clinical Medicine
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