

REGISTRATION OPEN

NEW INNOVATIVE TECHNOLOGY IN RODENT BODY TEMPERATURE TELEMETRY WORKSHOP

FOCUS ON BROWN FAT METABOLISM

23RD - 24TH JANUARY 2018

This workshop will be held at

The Czech Centre for Phenogenomics, Czech Republic

GUEST SPEAKERS

Prof. Dr. Martin Klingenspor

TU Munich

Dr. Marcel Scheideler

Helmholtz Zentrum München

Includes hands on surgical training



PRELIMINARY PROGRAMME

TUESDAY 23RD JANUARY 2018

- 09:00 – 09:30 Arrival and registration
- 09:30 – 10:00 Welcome and Introduction to CCP & workshop
Radislav Sedlacek (CCP/IMG)
- 10:00 – 10:50 Lecture – A novel endocrine gut - brown fat - brain axis controls meal induced thermogenesis and food intake
Prof. Dr. Martin Klingenspor (TU Munich)
- 10:50 – 11:40 Lecture – Overview of Stellar technology focus on temperature probes
Harm J Knot (TSE systems)
- 11:40 – 12:40 LUNCH**
- 12:40 – 13:00 Introduction to implantation surgery
René Remie (RRSSC, Almere)
- 13:00 – 14:30 Live demonstration – surgical implantation of temperature probes in mice
René Remie (RRSSC, Almere)
- 14:30 – 15:20 Lecture – Tracking metabolite changes using Q-TOF LC/MS
Shaun Bilsborough, Agilent Technologies
- 15:20 – 15:50 COFFEE BREAK**
- 15:50 – 16:40 Lecture – Molecular characterization of adipocyte browning – a microRNA case study
Dr. Marcel Scheideler (Helmholtz Zentrum München)
- 16:40 – 17:30 Lecture – How thermogenesis affects whole body energy metabolism
Dr. Jan Rozman (Helmholtz Zentrum München)
- 17:30 – 18:00 Final discussion, Q & A
- 19:30 – COURSE DINNER**

WEDNESDAY 24TH JANUARY 2018

For pre-registered participants

- 09:30 – 12:00 Practical training for implantation surgery

Registration deadline: 22nd December 2017

Contact training@infrafrontier.eu to apply

