

Join us in:

**Dalmose, Denmark**  
**18-20 May 2022**

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Join the 14<sup>th</sup> Minipig Research Forum - a unique opportunity for minipig users to meet, discuss and share knowledge and experiences within all areas of minipig use related to biomedical research. Take part in this 3-day conference packed with scientific lectures, poster presentations and the opportunity of networking with minipig users from all over the world. The conference will be facilitated by and hosted primarily at the breeding and research site of Ellegaard Göttingen Minipigs located approx. 1½ hours outside the city of Copenhagen/CPH Airport in the beautiful Danish countryside.

## SCIENTIFIC SESSIONS

- Nutrition and Metabolism
- Juvenile and Reproductive Toxicology
- Pharmacological Models
- Immune System
- Pain - Models and Management

## BREAKOUT SESSIONS

- Dosing and Sampling
- Training and Monitoring Welfare

The scientific program including presentations and speakers is available at [www.minipigresearchforum.org](http://www.minipigresearchforum.org). The complete conference program with time table will be announced before 1 May 2022.

*Please note that there will not be a poster session due to lack of time and for practical reasons. However, the poster session will of course be back at the next MRF.*

*The MRF is one of my favorite conferences: Not too big, great people and networking*

*Good mixture of science, practical topics, animal welfare and networking/discussions*

*My first MRF: loved it totally and found everything to be very well organized*



The MRF is a non-profit organization with more than 500 members worldwide working with minipigs in industry, academia and regulatory bodies. Participation in the annual MRF conference requires membership (free of charge). Read more and apply for membership at [www.minipigresearchforum.org](http://www.minipigresearchforum.org)

## PRACTICALITIES

- Starts at** **18 May 2022** (Wednesday)  
15:00 hrs CEST  
(Registration desk opens at 14:00 hrs CEST)
- Ends at** **20 May 2022** (Friday)  
12:30 hrs CEST
- Registration fee** **€350** (register before 15 April 2022)

The registration fee covers welcome lecture, five scientific sessions, one breakout session of choice, catering (lunch, coffee and snacks), get-together dinner Wednesday evening incl. drinks and networking, keynote talks Thursday evening followed by dinner, drinks and networking, online access to conference material, bus transportation from and to Copenhagen/CPH Airport and between hotel and venues during the conference.

- Venues**
- 18 May: Hotel Vilcon**  
Lorupvej 44  
DK-4200 Slagelse
- 19-20 May: Ellegaard Göttingen Minipigs**  
Soroe Landevej 302  
DK-4261 Dalmose

- Accommodation** Rooms can be booked at a special MRF conference rate of €130-160/night incl. breakfast when booked together with payment of the registration fee. Your accommodation must be paid directly to the hotel at check-out. Cancellation must be done at least 2 days prior to arrival to avoid a no-show fee at the hotel. The accommodation is located approx. 20-25 minutes from Ellegaard Göttingen Minipigs.



# Minipig Research Forum Program 2022

The conference program consists of the following scientific sessions and topics:

## WELCOME LECTURE, 18 MAY

Developing clinically relevant models of self-poisoning in Göttingen Minipigs at the Edinburgh Large Animal Facility	Eddie Clutton & Michael Eddleston, University of Edinburgh, Scotland
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## SESSION 1, 18 MAY: NUTRITION AND METABOLISM

Feeding of the trial animal – bear in mind possible effects of the ration	Britta Dobenecker, Ludwig Maximilian University of Munich, Germany
Metabolomics-based phenotyping on minipigs ranging from healthy to morbid obesity	Imene Bousahba, INRAE-Université Clermont-Auvergne, France
Göttingen Minipigs as a model for NASH	Berit Ø. Christoffersen, Novo Nordisk, Denmark
Microbiota in metabolic Göttingen Minipigs	Ditte Olsen Lützhøft, Novo Nordisk, Denmark

## SESSION 2, 19 MAY: JUVENILE AND REPRODUCTIVE TOXICOLOGY

Regulatory toxicity studies in juvenile animals – an industry perspective with a focus on minipigs	Georg Schmitt, F. Hofmann-La Roche, Switzerland
What's good to know when considering the minipig for juvenile toxicology studies	Laure Penard, Charles River Lyon, France
Embryo-fetal development studies in Göttingen Minipigs – technical feasibility and special considerations	Kari Kaaber, Scantox, Denmark
The juvenile Göttingen Minipig: role of organ development in view of drug and food safety in neonates, infants and toddlers.	Steven van Cruchten, Universiteit Antwerpen, Belgium
Safety assessment of food additives in juvenile Göttingen Minipigs	Mikkel Lykke Jensen, Scantox, Denmark

## SESSION 3, 19 MAY: PHARMACOLOGICAL MODELS

Going beyond occlusion-reperfusion models for myocardial infarction in Göttingen Minipigs	Piet Claus, KU Leuven, Belgium
Assessing cardiovascular control mechanisms in pharmacodynamic studies – species considerations and experiences using telemetry in Göttingen Minipigs	Thomas Mondritzki, Bayer, Germany
Learnings on immunosuppression in Göttingen Minipigs	Filipe Nunes, AstraZeneca, Sweden
Göttingen Minipigs – A new model for gut microbiome studies	Christian Kapel, University of Copenhagen, Denmark

## SESSION 4, 20 MAY: IMMUNE SYSTEM

Göttingen Minipigs – an experimental model for immune modulatory drug testing	Clara Pernold, University of Veterinary Medicine Vienna, Austria
Göttingen Minipigs as a model for skin immunology	Linda Allais, Charles River Lyon, France

## SESSION 5, 20 MAY: PAIN – MODELS AND MANAGEMENT

Overview of anesthesia and analgesia in Göttingen Minipigs	Eddie Clutton, University of Edinburgh, Scotland
Analgesia and antinociception: pros (and cons) in animal experimentation	Daniela Casoni, Unibern, Switzerland
Machine vision for facial recognition in pigs: animal welfare applications	Kenny Rutherford, Scotland's Rural College, Scotland
The effect of GMP housing and handling on the outcome of PNT model for neuropathic pain	Sigal Meilin, MD Biosciences, Israel

## BREAKOUT SESSIONS, 19 MAY

Dosing and Sampling	Continuing Education
Training and Monitoring Welfare	Continuing Education

## KEYNOTE PRE-DINNER TALK, 19 MAY

Exploring the safety of a novel anti-SARS-CoV-2/antiviral inhalation treatment in Göttingen Minipigs	Thomas Bjarnsholt & Elin Lisby Kastbjerg Jørgensen, University of Copenhagen, Denmark
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### Follow MRF on LinkedIn!

The Minipig Research Forum group on LinkedIn is an informative and useful platform where minipig users connect and interact, ask questions and share experiences. Apply for the MRF LinkedIn group membership at [www.linkedin.com/MRF](http://www.linkedin.com/MRF)