

# WORKSHOP

## Measurement of markers in pigs used in clinical research



### BioXpedia Workshop

**Time:** Monday the 4th of March 2019, 13.00 – 17.00  
**Location:** De Kirurgiske Forskningslaboratorier, Clinical Medicine, Aarhus University Hospital, Skejby

### **The aim of the workshop is to share research, experience, challenges and knowledge of measurement of markers in pigs used in clinical research.**

- What technologies are used today and which markers are measured and is there a requisite to measure additional markers.
- Is there research areas where there is a specific need to develop novel assays for pig markers.
- Possibilities to develop new assays and technologies targeted markers in pigs.
- Discuss challenges and benefits of using the pig as a model organism in clinical research.

**Welcome** - Mogens Kruhøffer, CEO BioXpedia

### **Introduction and guided tour at De Kirurgiske Forskningslaboratorier**

Birgitte S Kousholt, PhD, Veterinarian, Aarhus University Hospital.

### **The pig immunology toolbox – state of the art and future prospects and challenges**

Peter MH Heegaard, Professor, Biotechnology & Biomedicine, Danish Technological University.

### **Between mouse and man – the pig as a model for brain development**

Tobias Borgtoft Bergmann, PhD Stud, Veterinay & Animal Sciences, University of Copenhagen.

### **Metabolic Research in pigs at Novo Nordisk**

Andreas Vegge, DVM, PhD, Principal Scientist, Novo Nordisk.

*Coffee and cake*

### **Options for increasing the availability of genomic, transcriptomic and, proteomic tools for biomarker analyses in pig**

Mogens Kruhøffer, PhD, CEO BioXpedia.

### **Porcine analysis toolbox in pre-clinical kidney research**

Marco Eijken, PhD, Clinical Medicine, Aarhus University Hospital.

### **The challenges of measuring blood coagulation factors in pigs used in clinical research**

Age Kristian Olsen Alstrup, DVM, PhD, Veterinarian, Clinical Medicine, University of Aarhus.

### **Congenital heart surgery in a porcine model**

Lisa Carlson Hanse, PhD Stud, Clinical Medicine, Aarhus University Hospital.

**Discussion** – wishing-list of marker-assays and what's next?

### **Registration:**

Send an email to Kamilla ([Kamilla@bioxpedia.com](mailto:Kamilla@bioxpedia.com)) at latest 27. februar.  
Seats are limited and participation is free, but active participation is required.