

# Scheduled Course: Blood Sampling Techniques in Mice and Rats & Handling of Blood Samples

## DESCRIPTION

Blood samples are an essential part of most animal experiments, but how do we obtain the best possible blood samples while ensuring a high level of animal welfare?

This course includes a theoretical and a practical review of the most frequently used blood sampling techniques, existing guidelines for maximal blood sampling volumes and restitution times.

Furthermore, we will discuss the potential pathological consequences and stress responses due to blood sampling, and how we make sure to minimize these.

Correct handling of blood samples is essential for accurate research results, and thus good practice for stabilisation, centrifuging, cooling and storage will be presented.

We will discuss specific challenges the participants may face regarding blood sampling.

The course includes both lectures and practical exercises on blood sampling techniques in mice and rats.

A maximum of 12 participants ensures that everyone gets hands-on training.

## EDUCATORS

Klas Abelson is Associate Professor the Department of Experimental Medicine, University of Copenhagen. Klas' research centres on the development of objective measurement of pain and stress in rats and mice as well as development and refinement of methods for surgery and blood sampling. He is responsible for a wide range of teaching and training activities in lab animal science and animal experimentation.

Lise Nikolic Nielsen is Associate Professor at the Department of Veterinary Clinical Medicine, University of Copenhagen. Lise is the academic manager of the Veterinary Diagnostic Laboratory (VetLab) and Veterinary Clinical Pathology. VetLab analyses samples from many different species and Lise is therefore well aware of the struggles to get adequate samples, how to analyse samples with small volumes and the lack of reference intervals for exotic species.

## LANGUAGE

English or Danish (optional).

## WHEN

Thursday 5 and Friday 6 March 2020 (1½ day).

## WHERE

University of Copenhagen, Denmark.

## PRICE

EUR 1005 excl. VAT or 7510 Academy points.  
Includes meals.

## REGISTER

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