

**Course:**  
**Anaesthesia & Analgesia of the Laboratory Pig**  
**- Theory & Practice**  
**5-6 February 2019**

**DESCRIPTION**

A 2-day course on anaesthesia and analgesia of the laboratory pig.

This course gives a thorough understanding of respiration physiology and pathophysiology, which is the basis of understanding anaesthetic mechanisms, drugs of choice and practical approaches.

Furthermore, you learn about pain physiology, assessment and alleviation. You learn the different mechanisms behind acute and chronic pain, why you need to treat pain and which options you have in doing so.

The practical exercises include anaesthesia induction, intubation, anaesthesia monitoring, arterial and venous access (percutaneous and cut-down), epidural catheter/injection and urinary catheterization. Equipment for anaesthesia, design, function and leakage test will be demonstrated.

There will be good opportunities to discuss specific challenges the participants may be facing regarding anaesthesia and analgesia of pigs.

The course is a 2-day course which includes lectures and practice both days.

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

Social programme: On the evening of day 1 we will enjoy dinner together.

**AGENDA**

**5 February 2019**

09.00-12.00:

Lectures:

- Respiration Physiology
- Anaesthesia procedures
- Monitoring during anaesthesia
- Equipment for anaesthesia, design, function and leakage test

13.00-17.00:

Demonstration of procedures in 2 teams:

- Equipment for monitoring and anaesthesia
- Induction of anaesthesia and various procedures (e.g. intubation, intravenous access, jugular and carotis blood samples, epidural analgesia and intraarterial access)

18.30:

After check-in to the hotel, we will enjoy dinner together

**6 February 2019**

09.00-11.30:

Lectures:

- Anaesthesia of pigs - pharmaceuticals
- Pain and analgesia
- Preparation, feeding, fasting and postoperative care

12.00-16.30:

Practice in 4 teams:

- Induction and intubation of pigs
- Intravenous access (ear, leg and abdomen)
- Jugular vein blood sampling
- Epidural analgesia
- Intraarterial access

Evaluation & questions

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**EDUCATORS**

**Carsten Grøndahl** is Associate Professor in Anaesthesia & Surgery at University of Copenhagen and Chief Veterinarian at Copenhagen ZOO. Carsten has conducted numerous research projects and seminars on pain modulation and anaesthesiology.

**Mette Værum Olesen** holds approximately 30 years of work experience as an animal technician, specialising in experimental surgery and anaesthesia. Mette runs MVO Consult Denmark, a consultancy firm with expertise in surgery of the laboratory pig and dog.

**LANGUAGE**

English or Danish (optional)

**WHEN**

5-6 February 2019

**WHERE**

University of Southern Denmark, Odense

**PRICE**

EUR 1800 excl. VAT

or Academy points 16875

Includes meals & accommodation

*SCANBUR reserves the right to foreign exchange hedging (EURO)*

**REGISTRATION DEADLINE**

21 December 2019

*Registration is binding. In case we do not receive enough registrations to compile a fully booked course, the course will be cancelled. This will be announced at least 3 work weeks prior to the course taking place.*

**REGISTER**

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