



# 2018 ACADEMY PROGRAMME

# Welcome!

We are pleased to present SCANBUR's Academy programme for 2018.

Our courses, seminars and workshops are targeted for employees working within laboratory animal science: Animal technicians, researchers, veterinarians, facility managers, etc. In addition to our courses, we offer on-demand courses at a location of your choice (at e.g. SCANBUR or at your facility), training in the use of SCANBUR products and help to prepare workflow SOPs. Contact us with your requests and ideas: [academy@scanbur.com](mailto:academy@scanbur.com)

Academy courses are kept cost-neutral and SCANBUR only charges a fee to cover expenses. Seminars & workshops are in most cases free-of-charge and will be planned throughout the year.

Follow us on LinkedIn [www.linkedin.com/company/scanbur-as](http://www.linkedin.com/company/scanbur-as) and [www.scanbur.com/academy](http://www.scanbur.com/academy) for latest updates!

Through cooperation between you, us and external partners, we wish to create an inspiring and exciting forum for learning and knowledge sharing.

We look forward to seeing you in 2018!

## About SCANBUR Academy

### Prices

- Prices are stated in EURO and Academy points\*, excl. VAT.

### Academy points\*

- You can earn Academy points by signing service contracts with SCANBUR. Academy points can be used as payment for courses or on-demand training. Contact us: [academy@scanbur.com](mailto:academy@scanbur.com)

### Cancellation policy

- Registration is binding 3 work weeks prior to the course taking place. No refunds will be given after this date. 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.

### Language

- Our lecturers speak English but as most course participants are from Scandinavian countries the possibility of conducting the courses in Scandinavian is available, if all participants agree on it. Otherwise courses are held in English.

Online registration [www.scanbur.com/academy/registration-form/](http://www.scanbur.com/academy/registration-form/)

# Courses, Seminars & Workshops

## Courses (also refer to pages 4-9):

February (1 day)	Body & Ergonomics
March (1 day)	Animal Welfare, Behavior & Cage Life
April (1 day)	Blood Sampling Techniques & Handling of Blood Samples
May & Aug (2 days)	Laboratory Animal Analgesia & Anesthesia: Theory & Practice
September (½ day)	Where is The Limit? Working with Laboratory Animals
Autumn 2018 (2 days)	The Pig as an Experimental Model: Anesthesia & Analgesia

## Seminars & Workshops (also refer to pages 10-11):

Spring 2018	Health Monitoring - Use of Environmental Testing
Spring 2018	Starting a New Animal Facility - What to Do?
Summer 2018	Legislation in Animal Research
Autumn 2018	Housing Conditions for Rodents - what Affects the Animals?
Winter 2018	Breeding - Experiences on How to Optimize Breeding of Rodents



## Course: Body & Ergonomics

This course will give an updated approach on how to secure that you and your colleagues will not suffer damage on muscles or joints at work.

You will be subjected to a 'physical training' in do's and don'ts to take advantage of the full potential for obtaining wellbeing.

With this course we invite everybody with an interest in Body and Ergonomics to make a difference for their own physical and ergonomic health.

### **AUDIENCE**

Animal technicians  
Laboratory technicians

### **EDUCATOR**

Søren Hald  
*Physiotherapist &  
Occupational Health Consultant*  
REDMINKROP

### **LANGUAGE**

Optional (English or Danish)

### **WHEN**

Friday 2 February 2018 (1 day)

### **WHERE**

Karlslunde, Denmark

### **PRICE**

EUR 269,00 excl. VAT  
or Academy points 2500  
Includes breakfast & lunch

**Course:**  
**Animal Welfare, Behaviour & Cage Life**

This is a course about the natural behaviour of laboratory rodents and ensuring the best possible animal welfare also in relation to housing.

Furthermore training of animals will be described and discussed as well.

Besides lectures the course will also contain a workshop where the taught information will be used in practice.

**AUDIENCE**

Animal technicians  
Laboratory technicians  
Scientists  
Veterinarians

**EDUCATOR**

Dorte Bratbo  
*Associate Professor, PhD*  
*University of Copenhagen*

Karen Ekkelund Petersen  
*Scientific Affairs Manager, PhD*  
*SCANBUR*

**LANGUAGE**

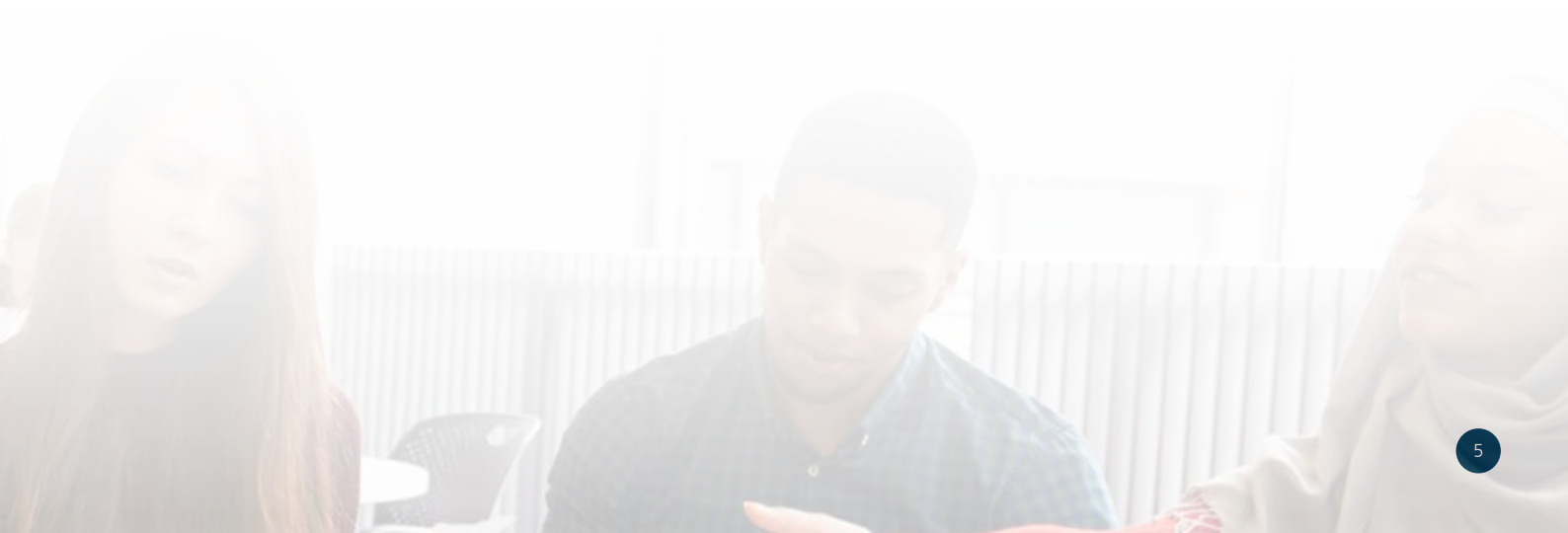
Optional (English or Danish)

**WHEN & WHERE**

Friday 2 March 2018 (1 day)  
in Karlslunde, Denmark

**PRICE**

EUR 269,00 excl. VAT  
or Academy points 2500  
Includes breakfast & lunch



## **Course:** **Blood Sampling Techniques & Handling of Blood Samples**

Blood samples are an essential part of most animal experiments, but how do we make sure that the best possible blood samples are taken, and at the same time ensure animal welfare?

This topic is highly debated as animal welfare, and good reliable research results are focus points of people working with research animals.

This course will provide theoretical review of most blood sampling techniques and consequences of poor techniques. Additionally, an overview of the best way to handle blood samples with regards to stabilization, centrifuging, cooling down and storage will be provided. Current guidelines for maximal blood sample volumes, restitution times, etc. will be taught as well.

This course allows time for questions and hopefully good debates.

### **AUDIENCE**

Animal technicians  
Laboratory technicians

### **EDUCATOR**

Klas Abelson  
*Associate Professor, PhD*  
*University of Copenhagen*

Lise Nikolic Nielsen  
*Associate Professor, PhD*  
*University of Copenhagen*

Karen Ekkelund Petersen  
*Scientific Affairs Manager, PhD*  
*SCANBUR*

### **LANGUAGE**

Optional (English or Danish)

### **WHEN**

Friday 20 April 2018 (1 day)

### **WHERE**

University of Copenhagen, Denmark

### **PRICE**

EUR 605,00 excl. VAT  
or Academy points 5625  
Includes breakfast & lunch

## Course: Laboratory Animal Analgesia & Anesthesia Theory & Practice

This course will provide knowledge about pain physiology, pain evaluation and treatment, handling of acute and chronic pain in practice together with knowledge about anesthesia, anesthetic equipment and observation of animals under anesthesia.

Furthermore the course contains demonstrations of the equipment, videos of procedures and teaches the participants how to make and fill out anesthetic protocols.

The course is split into a day with theoretical teaching and a day of practical exercises.

### AUDIENCE

Animal technicians  
Laboratory technicians  
Scientists  
Veterinarians

### EDUCATOR

Klas Abelson  
*Associate Professor, PhD*  
*University of Copenhagen*

Carsten Grøndahl  
*Chief Veterinarian, PhD*  
*Copenhagen ZOO*

### LANGUAGE

Optional (English or Danish)

### WHEN

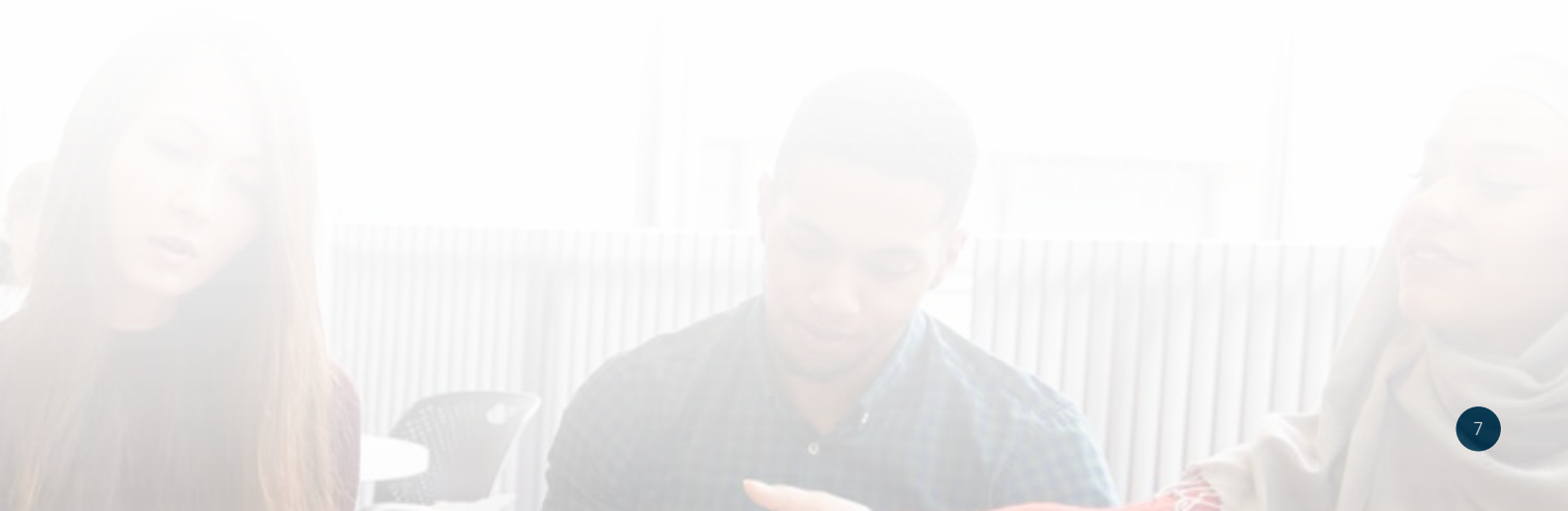
Tuesday 22 & Wednesday 23 May 2018 (2 days)  
or  
Tuesday 28 & Wednesday 29 August 2018 (2 days)

### WHERE

Copenhagen Zoo &  
Panum, University of Copenhagen, Denmark

### PRICE

EUR 1.250,00 excl. VAT  
or Academy points 11650  
Includes breakfast, lunch & dinner



## **Course:** **Where is The Limit? Working with Laboratory Animals**

During this course the participants will gain an insight to the ethical dilemmas of working with laboratory animals.

The course consists of lectures and workshops, where examples of challenges will be given.

There will also be given opportunity the use your own issues and challenges as basis for discussions.

### **AUDIENCE**

Animal technicians  
Laboratory technicians  
Scientists  
Veterinarians

### **EDUCATOR**

Mickey Gjerris  
*Associate Professor, PhD*  
*University of Copenhagen*

### **LANGUAGE**

Optional (English or Danish)

### **WHEN**

Friday 21 September (½ day)

### **WHERE**

Karlsunde, Denmark

### **PRICE**

EUR 296,00 excl. VAT  
or Academy points 2750  
Includes breakfast & lunch



## Course: The Pig as an Experimental Model: Anaesthesia & Analgesia

This course focuses on the pig as a laboratory animal model, with a primary focus on analgesia and anaesthesia.

The course contains lectures about animal welfare, training, activation, housing and diet as well, giving a good overview of general aspects to consider when using animals in research.

Practical exercises on preparation for anaesthesia and surgery (including some new possibilities for analgesia), intubation, maintenance, arterial and venous accesses (percutant and cutdown), epidural injections and urine catheters will be trained.

Time for discussion of your own challenges will be included in the course days.

### **AUDIENCE**

Animal technicians  
Veterinarians  
Researchers

### **EDUCATOR**

Carsten Grøndahl  
*Chief Veterinarian, DVM, PhD  
Copenhagen ZOO*

Mette Værum Olesen  
*Animal Technician  
Consultant in Experimental  
Surgery & Anaesthesia  
MVO Consult*

Karen Ekkelund Petersen  
*Scientific Affairs Manager, PhD  
SCANBUR*

### **LANGUAGE**

Optional (English or Danish)

### **WHEN**

Autumn 2018 (2 days)

### **WHERE**

To be announced (Denmark)

### **PRICE**

EUR 1.479,00 excl. VAT  
or Academy points 13800  
Includes meals & accommodation

## **Seminars & Workshops:**

Spring 2018

### **Health Monitoring - Use of Environmental Testing**

Environmental health monitoring is an area gaining increased focus and the use of different regimes of environmental sampling is increasing simultaneously.

This use of soiled-bedding sentinels for detecting rodent infectious agents has significant limitations, which appeals to include or change to new methods.

At this seminar the use of exhaust air dust testing will be presented and data on the use of the method will be shown.

The use of exhaust air dust testing has the possibility to reduce the number of animals used and have a safe detection of pathogens.

Audience:

Animal technicians

Veterinarians

Researchers

Spring 2018

### **Starting a New Animal Facility - What to Do?**

Starting a new facility is a challenging task. At this seminar we have invited personnel involved in starting new animal facilities to share their experiences, challenges and results forming the basis for questions and group discussions between the participants.

Audience:

Facility managers

Animal technicians

Summer 2018

### **Legislation in Animal Research**

This seminar will be focusing on the Danish legislation and legal requirements that are hard to meet. Besides lectures there will be time for discussions and sharing of knowledge.

Audience:

Facility managers

Veterinarians



## Seminars & Workshops:

Autumn 2018

### **Housing Conditions for Rodents - What *Affects* the *Animals*?**

How do different environmental factors affect research animals, and how do we ensure an environment that is suitable for performing high quality research? At this seminar specialists and researchers will discuss the effects and influence of different environmental factors on research animals. It will consist of talks where the researchers will share their results.

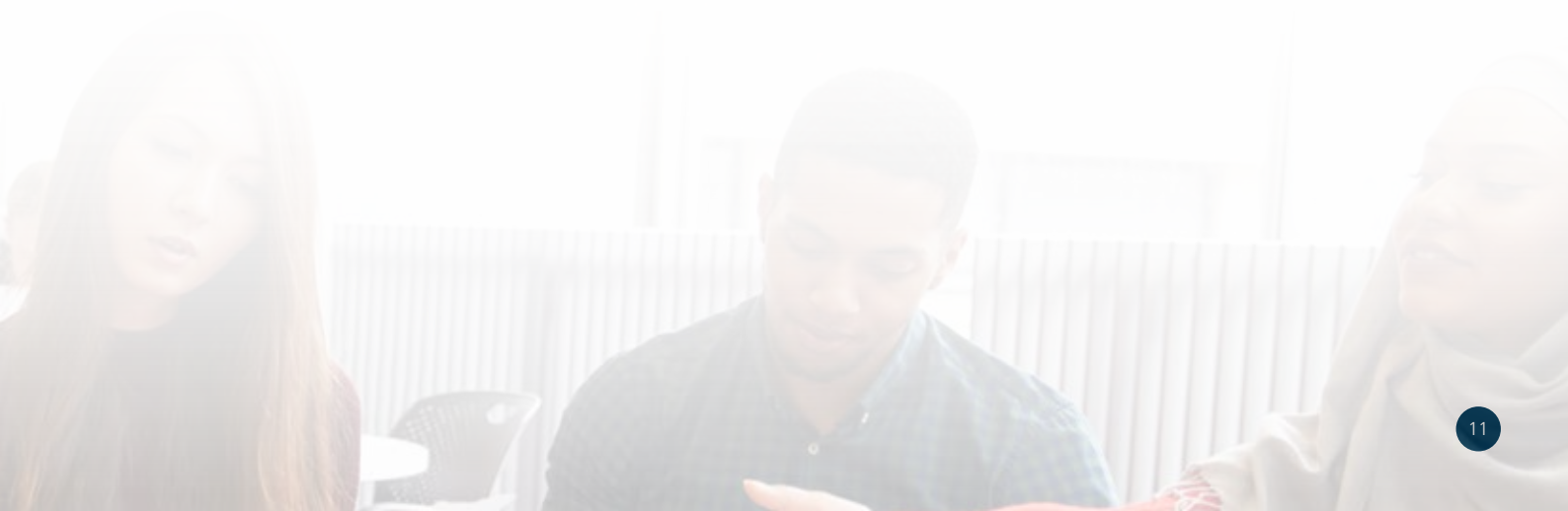
Audience:  
Animal technicians  
Veterinarians  
Researchers

Winter 2018

### **Breeding - Experiences on How to Optimize Breeding of Rodents**

This workshop contains case stories on how breeding can be affected and what has been done at different facilities to optimise breeding performance of rodents.

Audience:  
Animal technicians  
Researchers  
Veterinarians



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