



**ECAR**  
European College of Animal Reproduction



<https://www.facebook.com/pigresearch/>

## Intensive course on Pig Reproduction

The course is aimed at residents and diplomates of the ECAR. This course takes place in Helsinki / Finland for the time period of two weeks. This course will be organized annually; always during week 9 and 10. The next course will take place between 25.2. and 8.3. 2019.

The course will include lectures (12 hours), interactive teaching (12 hours), hands-on workshops (6h) as well as 3 full-time pig herd visits. The exact course outline can be found below.

### Course fees

Full course: 625€

First or second week only: 390€

### Deadline for registration

Deadline for registration is 31.1.2019.

Nevertheless, the early you sign up the higher the chance that we can organize you lower-cost accommodation.

Please note that the number of attendants will be limited to 3 persons at a time. Residents will be given priority.

### Registration



[https://forms.office.com/Pages/ResponsePage.aspx?id=WxWumNwQiEKOLkWT5i\\_j7skF5jpU0sNDo\\_extrD9HhtUNIA2OTRZTlowUkRUUDJROU1aSkY3Q1I0Ny4u](https://forms.office.com/Pages/ResponsePage.aspx?id=WxWumNwQiEKOLkWT5i_j7skF5jpU0sNDo_extrD9HhtUNIA2OTRZTlowUkRUUDJROU1aSkY3Q1I0Ny4u)

For further information: [Stefan.bjorkman@helsinki.fi](mailto:Stefan.bjorkman@helsinki.fi)

## Program – 1. week

<u>Date</u>	<u>Time</u>	<u>Activities</u>
25.2.	9:00 - 12:00	Lectues
		<i>Farrowing management (CO)</i>
		<i>Neonatal management (CO)</i>
	13:00 - 16:00	<i>Free farrowing (OP)</i>
		Get-together
		<i>Overview of the course &amp; key points</i>
		<i>Learning objectives</i>
17:00 - 20:00	<i>Getting to know each other</i>	
		Dinner & Smoke Sauna (Sponsored by MSD / Merck)
26.2.	9:00 - 12:00	Lectures
		<i>Inflammation of the female genital tract (AG)</i>
		<i>Boar &amp; Semen evaluation (SB)</i>
	13:00 - 15:30	<i>Case reports (AG)</i>
		Practical training - Workshops
		<i>Preparing herd visits (SB)</i>
		<i>Examination of the female reproductive tract (AG)</i>
27.2.	8:00 - 16:00	<i>Ultrasound of the female reproductive tract (OP)</i>
		<i>Examination of the male reproductive tract (SB)</i>
		Practical training - Pig herd visit I
		<i>Examination of farrowing unit &amp; neonatal piglets (CO)</i>
28.2.	9:00 - 12:00	<i>Examination of the boar (AG)</i>
		<i>Examination of pregnant and non-pregnant sows (SB)</i>
	13:00 - 15:30	<i>Examination of weaning unit &amp; weaned piglets (MH)</i>
1.3.	9:00 - 10:00	Group work & personal teaching
		<i>Drafting herd visit report (SB)</i>
	10:30 - 12:30	Practical training - Workshops
<i>Autopsy of piglets (MH)</i>		
13:30 - 15:30	13:30 - 15:30	<i>Blood sampling of piglets (MH)</i>
		Group work & personal teaching
		<i>Drafting a checklist for breeding management (SB)</i>

## Program – 2. week

<u>Date</u>	<u>Time</u>	<u>Activities</u>
4.3.	8:30 - 16:30	Practical training - Pig herd visit II
		<i>Delivery of the herd visit report (Pig herd visit I) (SB)</i>
		<i>Evaluation of farrowing management (SB)</i>
		<i>Evaluation of breeding management (SB)</i>
5.3.	9:00 - 12:00	Lectures
		<i>Physiology &amp; Endocrinology of the oestrus cycle (SB)</i>
		<i>Physiology &amp; Endocrinology of pregnancy &amp; parturition (SB)</i>
		<i>Causes, Diagnosis &amp; Treatment of subfertility in sows (SB)</i>
	13:00 - 15:30	Group work & personal teaching
<i>Cases (SB)</i>		
6.3.	8:00 - 16:00	Practical training - Pig herd visit III
		<i>Blood sampling of sows (SB)</i>
		<i>Examination of puerperal sows (SB)</i>
		<i>Examination of subfertile sows (SB)</i>
7.3.	9:00 - 12:00	Lectures
		<i>Pathology of pregnancy (SB)</i>
		<i>Pathology of parturition (SB)</i>
		<i>Nutrition &amp; husbandry of sows (SB)</i>
	13:00 - 15:30	Group work & personal teaching
<i>Cases (SB)</i>		
8.3.	9:00 - 12:00	Closing of the course
		<i>Summarizing key points (SB)</i>
		<i>restating learning objectives (SB)</i>
		<i>Q &amp; A (SB)</i>
		<i>Quizzes (SB)</i>

## Teachers



SB - Stefan Björkman, DVM, PhD, Diplomate ECAR.

Stefan Björkman is an Assistant Professor of Animal Reproduction at the Department of Production Animal Medicine, Helsinki University. He has done his PhD in pig reproduction and is a Diplomate of the European College of Animal Reproduction (ECAR, Subspecialisation in porcine reproduction).

He is the organizer and host of this course.



CO - Claudio Oliviero, DVM, PhD

Claudio Oliviero is an Adjunct Professor of Swine Medicine at the Department of Production Animal Medicine, Helsinki University. He has done his PhD in pig reproduction and is a Candidate of the European College of Porcine Health Management (ECPHM).



AG - Alexander Grahofer, DVM, Diplomate ECPHM

Alexander Grahofer is a Research Assistant at the Swine Clinic Berne, Vetsuisse University. He has done his doctoral thesis in pig reproduction and is a Diplomate of the European College of Porcine Health Management (ECPHM) and a Resident of the European College of Animal Reproduction (ECAR, Subspecialisation in porcine reproduction).



OP - Olli Peltoniemi, DVM, MVetSc, PhD, Diplomate ECAR, Diplomate ECPHM

Olli Peltoniemi is a Professor in Animal Reproduction at the Department of Production Animal Medicine, Helsinki University. He has done his PhD in pig reproduction and is a Diplomate of the European College of Porcine Health Management (ECPHM) and a Diplomate of the European College of Animal Reproduction (ECAR).



MH - Mari Heinonen, DVM, PhD, Diplomate ECPHM

Mari Heinonen is a Professor in Swine Medicine at the Department of Production Animal Medicine, Helsinki University. She has done her PhD in Swine Medicine and is a Diplomate of the European College of Porcine Health Management (ECPHM).

## Venue



The first week of the course will take place at the Production Animal Unit of the Veterinary Teaching Hospital of the University of Helsinki / Finland. This clinic is located in Saari, a small village 60 kilometers northeast of Helsinki. Further information: <https://www.helsinki.fi/en/faculty-of-veterinary-medicine/faculty/department-of-production-animal-medicine>



The second week of the course will take place at the Small Animal Unit of the Veterinary Teaching Hospital of the University of Helsinki / Finland. This clinic is located in Helsinki. Further information: <https://www.helsinki.fi/en/veterinary-teaching-hospital>

## Accommodation



For the first week of the course, we recommend you to stay at the dormitory of the Production Animal Unit. This accommodation is basically for free (a few Euros / day). The accommodation has a private room with shared kitchen, toilet and shower. There is also a washing machine. A local grocery store is nearby.

Nevertheless, feel free to book an accommodation in Helsinki (see below). We can take you every day to the venue and bring you back to Helsinki.



For the second week of the course, we recommend you to stay at Unihome (<http://unihome.fi/unihome-for-academics.html>). There are affordable studios with own bathroom, shower and kitchen. The closest Unihome is UH Pihlajamäki (2.5km to the venue).

Other accommodation options can be found from AirBnB, Hotels.com & booking.com.

Public transport in Helsinki costs approximately 5€ / day.