

# Geno invites you to participate in the Nordic Embryo Workshop



**Date:** 27.-28.2.2019

**Time:** 11:00-17:00 (Wednesday)

8:30-15:30 (Thursday)

**Venue:** Geno AI Station, Store Ree, Ekebergveien 54, 2335 Stange, Norway (Wed)

Geno Head Office, Storhamargata 44, 2317 Hamar (Thu)

The workshop focuses on practical aspects of the embryo transfer industry in Nordic countries. International meetings are more focused on the scientific side of embryo technologies, and the Nordic countries differ from several other countries concerning the practical side. Therefore, this workshop aims to provide a platform for informal discussions among practitioners and researchers working in quite similar conditions.

Each country is asked to prepare a presentation giving an introduction to the topics described below in the program. Workshop delegates within each country are asked to collaborate in planning their country's contribution.

**Registration:** Please register by 1.2.2019 to [karolien.desmet@geno.no](mailto:karolien.desmet@geno.no).

### Travel information (flight & train):

The meeting on Wednesday will be at Geno's AI station in Stange. There is a train connection from Oslo Airport to Stange: NSB train R10 to Lillehammer, leaving from track 1 in one-hour intervals (7.59, 8.59...). The train journey takes 40 minutes. Geno will arrange transportation from Stange to Store Ree. Please inform us about your arrival time.

On Wednesday evening after dinner, Geno will arrange transportation to the hotel in Hamar. The meeting on Thursday will be in Hamar. The return on Thursday afternoon starts from Hamar: NSB train R10 to Drammen. The journey from Hamar to Oslo Airport takes 53 minutes, trains leaving every 8 minutes past the hour.

### Accommodation:

Hotel rooms have been pre-booked in First Hotel Victoria in Hamar. Please book your room by email ([victoria@firsthotels.no](mailto:victoria@firsthotels.no)) or by phone (+47 62025550), before 1.2.2019. Geno has negotiated a price of 839 NOK per night for a single room and 1039 NOK for a double room, breakfast included. Please mention Geno as a reference when booking. Please note that Geno does not cover your hotel expenses.

### Allergies and dietary preferences:

Please inform when registering if you have allergies or other dietary requirements for the meals served during the meeting.

## TENTATIVE PROGRAM:

27.02.2018

- 11.00 Welcome to Store Ree  
Lunch  
Presentation of participants
- 12.00 Embryo activities - practice**
- 12.00-12.30 Welcome to Geno, breeding industry in Norway  
*Each of the following presentations should take approximately 45 minutes, followed by 15 minutes of discussion*
- 12.30- 13.30 Embryo transfer practice - Sweden
- 13.30-14.30 Embryo transfer practice - Finland
- 14.30-14.50 Coffee break
- 14.50-15.50 Embryo transfer practice - Denmark
- 15.50-16.30 Embryo transfer practice - Norway
- 16.30-17.00 Discussion
- 17.00 Norwegian AI museum tour
- 18.30 Dinner
- 21.00 Transportation to First Hotel Victoria, Hamar

28.02.2018

- 8.30 **Embryo activities - research**  
*Each of the following presentations should take approximately 45 minutes, followed by 15 minutes of discussion*
- 8.30-9.30 Research projects in Denmark, EliteOva – Poul Hyttel
- 9.30-10.30 Research projects in Finland, Mycoplasma bovis in reproduction – Jaana Peippo
- 10.30-10.45 Coffee break
- 10.45-11.45 Research projects in Norway, Subclinical endometritis – Anette Krogenæs
- 12:00-12:45 Lunch
- 12.45-13.45 Research projects in Sweden – Renée Båge
- 13.45-15.15 Discussions:  
*Grouping of participants according to their interest in certain topics*  
Public acceptance towards assisted reproductive techniques  
Pharmaceuticals registered and approved for use in veterinary reproduction  
Legislation related to animal welfare and biosecurity in embryo production  
Future research collaborations  
Other topics suggested by participants
- 15.15-15.30 Conclusions and closing of the meeting

## LIST OF TOPICS TO BE DISCUSSED DURING THE WORKSHOP

*Please include the following points in your country's presentations:*

### **Embryo activities – practice**

Background and infrastructure of the breeding and ET-industry

- The structure of (dairy) production, number of farms, cows, breeds, trends for the future etc.
- The infrastructure and practical implementation of embryo activities both on breeding stations and on farms
- Volumes and trends of ET-activity (flushings/embryo transfer/OPU-IVP)
- Professional groups involved (number of veterinarians/technicians/others, what are these groups doing/ which groups are permitted to do flushings/ET/OPU-IVP)

Embryo production and transfer

- MOET procedures (superovulation, flushing, cryopreservation, transfer of embryos)
- OPU-IVP procedures (OPU, IVP, handling and cryopreservation of embryos)
- Donor and recipient management

Embryo technologies

- Genomic selection of embryos: type of embryo (IVP/MOET), transfer, cryopreservation method

### **Research in embryo production and reproduction**

- Ongoing research projects, with emphasis on the applied research
- Planned research in the future / research needs, possibilities for collaboration between countries

### **Topics having an influence on embryo transfer industry (to be discussed)**

- Pharmaceuticals registered/ approved for use in veterinary reproduction: products available, who is allowed to use (vet/technician/farmer), what is allowed to give out for farmers
- Public acceptance towards assisted reproductive techniques
- Legislation and practical interpretation of affiliated directives
- Possible research collaborations

Depending on the time available and interest in different topics, smaller groups can be created to cover specific areas.

*If you have any comments, questions or proposals regarding the program, please don't hesitate to contact [marja.mikkola@geno.no](mailto:marja.mikkola@geno.no) and share your ideas. The program will be modified according to participants' feedback.*