



Photo: Jette Odgaard Villemoes



Photo: Brett Hondow Pixabay



Photo Pixabay

# INVITATION

---

## Breeding network meeting 27 October 2022 at 9:00 to 20:00

The network meeting has been established to present and discuss the newest research across animal and plant breeding.

Researchers from AU will present the newest research and the breeding companies will present new research visions. The aim is to facilitate match-making between researchers and industry and set new research directions.

### Sign up for the network here:

<https://www.conferencemanager.dk/breeding-network-meeting-2022>

**before 20 October**

### Venue

ALAS Aarhus University, 1630, Høegh-Guldbergs Gade 6B, 8000 Aarhus C

The event is supported by "Uddannelses- og Forskningsstyrelsen".

When you participate in this event, your time will be used as co-funding for the project "Innovationskraft" supported by "Uddannelses- og Forskningsstyrelsen".



AARHUS  
UNIVERSITY  
DCA - DANISH CENTRE  
FOR FOOD AND AGRICULTURE



CENTER FOR QUANTITATIVE  
GENETICS AND GENOMICS



Food & Bio Cluster  
Denmark



# PROGRAM

- 9:00 - 9:30**    **Arrival, registration and coffee**
- 9:30 - 9:45**    **Welcome**  
by Mogens Sandø Lund
- 9:45 -10:15**    **New perspectives with propositions for animal and plant breeding in the green transition.**  
Martin Scholten Aarhus University/Wageningen University
- 10:15 - 10:30**    **Coffee break**
- 10:30 - 14:30**    **New breeding approaches in plants and animals**
- 10:30 – 10:45**    **Future visions in plant breeding**  
Christian S. Jensen, DLF
- 10:45 – 11:00**    **Future visions in animal breeding seen from Cattle**  
Søren Borchersen, Viking genetics
- 11:00 - 11.:20**    **Challenges, resources and tools in plant and animal breeding**  
Torben Asp and Goutam Sahana, QGG
- 11:20 - 11:45**    **The metabolome as a new intermediate phenotype in animal and plant breeding**  
Pernille Sarup, Nordic seed, Ole F. Christensen QGG, Xiangyu Guo, LF
- 11:45 – 12:00**    **Adapting animals for specific production environments**  
Julie B. Clasen, QGG
- 12:00 - 12:15**    **Role of functional genomics in future agriculture breeding**  
Guillaume Ramstein, QGG
- 12:15 - 13:00**    **Lunch**
- 13:00 - 13:15**    **Epigenetics: the science of change**  
Marta Malinowska, QGG
- 13:15 - 13:30**    **A mechanistic approach to Genotype-by-Environment interactions studies:  
A crop growth modelling & genotype-to-phenotype mapping**  
Viktor Milkevych, QGG
- 13:30 - 13:45**    **Artificial Intelligence in agriculture: New phenotyping approaches**  
Quentin Geissmann, QGG
- 13:45 - 14:00**    **FarmGTEx: harnessing regulatory variants for genetic improvement in farm animals**  
Lingzhao Fang, QGG
- 14:00 - 14:20**    **Production and breeding of Black soldier fly larvae**  
Carsten L. Pedersen, ENORM; Morten Kargo, QGG
- 14:20 - 14:30**    **Wrap-up**
- 14:30 - 15:00**    **Break**
- 15:00 - 16:00**    **Pitch session**
- 16:00 - 17:30**    **Poster session**
- 18:00 - 20:00**    **Dinner**
- 20:00**            **End of program**