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
AIAS 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

PAJBÆRGEN FONDOER
CENTER FOR QUANTITATIVE GENETICS AND GENOMICS

Food & Bio Cluster Denmark
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