

## Agritech Spoke 1 - Animal Genetic Resources

# Workshop

### Exploiting Animal Genetic Resources: Driving the Sustainability of the Italian Livestock Production Sector



**University of Bologna**  
**Department of Agricultural and Food Sciences**  
**Viale G. Fanin 44, Bologna**

**(Plesso di Agraria – Central block, first floor, Room 12)**

**13th February 2024**

#### Program

- 10.30-10.40:** *Welcome – Rosalba Lanciotti* (Director of the Dept. of Agricultural and Food Sciences, University of Bologna)  
*Introduction – Giuseppe Vendramin* (CNR), Luca Fontanesi (University of Bologna)
- 10.40-11.00:** *Meta-analysis to uncover potential biomarkers for subclinical intramammary infection in dairy cattle –* Vittoria Bisutti, Diana Giannuzzi, Alice Vanzin, Alessandro Toscano, Alessio Cecchinato, Sara Pegolo (University of Padova)
- 11.00-11.20:** *Genomes, chromosomes and climate change: multiple applications in ruminants –* Matteo Cortellari, Arianna Bionda, Pietro Parma, Paola Crepaldi (University of Milan)
- 11.20-11.40:** *Germplasm storage and management: the Farm Animal Cryobank IBBA-CNR –* Federica Turri, Emanuele Capra, Stefano Biffani, Alessandra Stella, Flavia Pizzi (IBBA-CNR)
- 11.40-12.00:** *Genomic prediction in local cattle breeds –* Enrico Mancin, Cristina Sartori, Guido Gomez Proto, Angelica Oian, Roberto Mantovani (University of Padova)
- 12.00-12.20:** *Mining cattle and pig population genomic datasets to uncover signatures of artificial selection –* Giuseppina Schiavo, Mohamad Ballan, Jacopo Vegni, Valeria Taurisano, Stefania Dall'Olio, Luca Fontanesi (University of Bologna)
- 12.20-12.40:** *Exploiting novel molecular phenotypes in pigs: applications of metabolomics –* Samuele Bovo, Matteo Bolner, Anisa Ribani, Paolo Zambonelli, Francesca Bertolini, Luca Fontanesi (University of Bologna)
- 12.40-13.00:** *Identification of bovine epigenetic diversity –* Emanuele Capra, Federica Turri, Flavia Pizzi, Alessandra Stella (IBBA-CNR)
- 13.00-13.15:** *Interactions between Spoke 1 and Spoke 5. G-G-ART: Genetics, Genomics, Advanced Assisted Reproductive Technologies –* Alessio Cecchinato (University of Padova), Rolando Pasquariello, Fulvio Gandolfi (University of Milan), Nicolò Pietro Paolo Macciotta (University of Sassari), Luisa Biondi (University of Catania)
- 13.15-13.30:** *Discussion and closure*

[From 14.30 to 16.00: Working Group Activities]

For more information and registration (open till the 12th of February 2024): [luca.fontanesi@unibo.it](mailto:luca.fontanesi@unibo.it)

For remote connection, please send a request by the 12th of February.