

Final Workshop of the PigPhenomics Project

Applied phenomics and genomics in pigs for the identification and use of new phenotypes in breeding plans

When:	June 26, 2023 – From 10.30 to 13.00
Host:	Department of Agricultural and Food Sciences – University of Bologna
Venue:	Plesso di Agraria: Room n. 8 – Viale Giuseppe Fanin 48, 40127 Bologna (Italy)

Chairperson: Luca Fontanesi (coordinator of the PigPhenomics project)

Communications

- 10.30-10.40 – **Opening and introduction to the project** (Luca Fontanesi: University of Bologna)
- 10.40-10.50 – **Livestock phenomics: new frontiers in animal breeding** (Francesca Bertolini: University of Bologna)
- 10.50-11.10 – **Molecular phenotyping: applications of metabolomics in pigs** (Samuele Bovo: University of Bologna)
- 11.10-11.30 – **Merging traditional phenotyping and genomics in heavy pigs** (Giuseppina Schiavo: University of Bologna)
- 11.30-11.50 – **Genetic characterization of the pig metabolome and potential applications** (Samuele Bovo: University of Bologna)
- 11.50-12.10 – **Boar taint compounds: relationships with libido and productive traits in entire male pigs** (Valentina Bonfatti: University of Padova)
- 12.10-12.30 – **Genetics of boar taint compounds in pigs and application in pig breeding** (Valentina Bonfatti: University of Padova)
- 12.30-12.50 – **Phenomics of stress: new potential applications in monitoring pig welfare** (Daniele Vigo: University of Milano – Matteo Bolner: University of Bologna)
- 12.50-13.00 – **Discussion and closing remarks**

Scientific Committee:	V. Bonfatti, S. Bovo, L. Fontanesi, G. Schiavo, D. Vigo
Organising Committee:	M. Ballan, F. Bertolini, M. Bolner, S. Dall'Olio, L. Fontanesi, A. Ribani, G. Schiavo, V. Taurisano, J. Vegni, P. Zambonelli

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Progetti di Rilevante Interesse Nazionale (PRIN) 2017