

See you in Bologna!



Organising Secretariat



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ICAR2020

19th International Congress
on Animal Reproduction
BOLOGNA (ITALY), JUNE 28th - JULY 2nd

SAVE THE DATE



The Local Organizing Committee

Carlo Tamanini (Chair)
Diego Bucci (Secretary)
Maria Laura Bacci
Giovanna Galeati
Cesare Galli
Gaetano Mari
Marcella Spinaci

*Department
of Veterinary
Medical Sciences*

TENTATIVE TOPICS

Plenary sessions

- Sustainable breeding
- Epi/genetics genomics in reproduction
- Intercellular communications
- The 3rd dimension in reproduction
- Semen quality and omics
- Oocyte quality

Symposia

- Reproduction in buffaloes
- Reproduction in CANDS
- Cryopreservation
- MOET/IVP/genomic selection
- Hormone stimulation
- Stem Cells
- Perinatal Care – Pregnancy
- Cloning and Genome Editing
- Immunology of reproduction
- Corpus luteum formation/maintenance/regression
- Immune regulation of oviduct/uterine Function

- Tissue invasion mechanisms of the chorionic girdle: Mare
- Maternal immune response at the maternal-conceptus interface in pigs
- Maternal immune status and fertility in dairy cows
- Effect of heat stress on dairy cows during pregnancy on calf immunity and performance
- Evolution of maternal uterine fibroblast response to the developing conceptus
- Maternal response at the maternal-conceptus interface in dogs
- Microbiome of Reproduction
- Advanced Imaging of gametes and embryos
- Measuring gamete and embryo metabolism
- Time-lapse monitoring to disclose the relationship between embryo morphokinetic parameters and aneuploidy
- Metabolic imaging for assessing gamete and embryo viability

Workshops

- Gametes and mitochondria
- Pig reproduction
- Aseptic and automatic vitrification of embryos
- Single cell gamete biomarkers
- Nanomaterials and reproduction
- Non-hormonal treatments in highly-producer dairy cows
- Ultra-early pregnancy diagnosis
- Global acting reproduction and breeding companies: benefit or danger for independent animal production
- The handshake of micro-engineering and reproduction
- Recent advances in wild felids reproduction
- Marine mammals reproduction