

The 3rd CZU Prague hybrid seminar

“Biotechnology in small ruminant reproduction:
an international experience”

Our sponsor is



Thursday, 2 May 2024

9:15 – 9:30 (CET)

Welcome word by Seminar Organizing Committee

Invited Speakers

9:30 – 10:00

JULIÁN SANTIAGO MORENO

Instituto Nacional de Investigación y Tecnología Agraria y Alimentaria, Spain

Endocrine and molecular basis of small ruminant sperm cryoresistance

10:00 – 10:30

JESSICA RICKARD

Animal Reproduction Group, School of Life and Environmental Sciences,
Faculty of Science, The University of Sydney, Australia

Why frozen sperm cannot get through the sheep cervix

10:30 – 11:00

ROSAURA PÉREZ PE

BIOFITER, Facultad de Veterinaria, Universidad de Zaragoza, Spain

The melatonin receptor MT1 in rams as a tool to improve reproductive parameters of the sheep flock

11:00 – 11:30

BOUCHRA EL AMIRI

National Institute for Agricultural Research (INRA), Morocco

Improvement strategies in sheep artificial insemination: case of Morocco

13:00 – 13:30

PHILIPPE CHEMINEAU

INRAe- CNRS- Univ F. Rabelais- IFCE, France

Photoperiodic treatments to control seasonal sperm production in sheep and goats

13:30 – 14:00

LUCA PALAZZESE

Department of Veterinary Medicine, University of Teramo, Italy

Alternative techniques for preservation of small ruminant spermatozoa without liquid nitrogen

14:00 – 14:30

LUCAS CORREIA

Universidade Federal Fluminense - UFF, Brasil

Antifreeze proteins: potential cryoprotectant of gametes and embryos from small ruminants

14:30 – 15:00

MARÍA DE SOUSA BLANCO

SaBio, National Wildlife Research Institute, IREC (CSIC, UCLM, JCCM). Department of Agroforestry and Genetics Science and Technology, UCLM, Spain

Use of H₂S to improve ram sperm cryopreservation: preliminary results

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9:30 – 10:00 LAURA ABRIL PARREÑO

Department of Physiology - Faculty of Veterinary Sciences, University of Murcia, Spain

Molecular and biochemical factors contributing to ewe breed differences in cervical sperm transport

10:00 – 10:30 BART GADELLA

Faculty of Veterinary Medicine, Utrecht University, the Netherlands

Molecular aspects of fertilization: human, cow, pig, and mouse models

10:30 – 11:00 MANUEL ÁLVAREZ RODRÍGUEZ

Instituto Nacional de Investigación y Tecnología Agraria y Alimentaria, Spain

Current advances in the female immune response to the presence of spermatozoa in the swine model: scientific inspiration for small ruminants researchers

11:00 – 11:30 NICOLETTA NEUMAN

Faculty of Animal Bioengineering, University of Warmia and Mazury in Olsztyn, Poland

Quality of European red deer spermatozoa stored in the epididymides and in a liquid state at 5 degrees Celsius

13:00 – 13:30 SZABOLCS TAMÁS NAGY

Georgikon Campus Hungarian University of Agriculture and Life Sciences, Hungary

Gene banking of Hungarian local sheep breeds

13:30 – 14:00 JOANNA SOUZA FABJAN

Faculdade de Veterinária, Universidade Federal Fluminense - UFF, Brasil

Non-surgical artificial insemination, embryo recovery and embryo transfer in small ruminants

14:00 – 14:30

Final conclusion and goodbye word by Seminar Organizing Committee

Filipp Georgijevič Savvulidi, on behalf of the Seminar Organizing Committee; fsavvulidi@gmail.com

Czech University of Life Sciences Prague (CZU), Department of Animal Science



We promote the [Veterinary Sciences] Special Issue

“Advances in the Artificial Insemination of Small Ruminants: Application in European Countries”