



TAGEM
R&D AND INNOVATION

ESIN KELES ARSLAN, Dr. Veterinarian

EDUCATION

- PhD** 2017-2020 University of Zurich Vetsuisse Faculty
- Bachelor's Degree** 2010-2015 Istanbul University Faculty of Veterinary Medicine


CAREER

- 2020 -, Dr. Veterinarian, Republic of Türkiye Ministry of Agriculture and Forestry International Center for Livestock Research and Training, Lalahan - ANKARA/TURKIYE
- 2018 – 2020, Researcher, AgroVet- Strickhof Research and Development Center – ESCHIKON/SWITZERLAND
- 2017 – 2020, PhD Student, Department of Farm Animal Reproduction Assisted Reproductive Techniques, University of Zurich, ZURICH/SWITZERLAND


ABOUT ME

She was born in 1992 in Burdur. In 2015, she graduated from Istanbul University Faculty of Veterinary Medicine. In the same year, T.C. she won a scholarship program (YLSY) supported by the state and started at the University of Zurich, Switzerland for her doctoral education in 2017. In 2020, she successfully completed her doctoral education and returned to Turkey for work. Since 2020, as a Dr.veterinarian, she continues her scientific studies in the Republic of Türkiye Ministry of Agriculture and Forestry International Center for Livestock Research and Training.

CONTACT

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ESIN KELES ARSLAN, Dr. Veterinarian



▪ PROJECTS

▪ **Ongoing Projects**

- Investigation of the Effects of Some Proteins and Antioxidants in Seminal Plasma on Sperm Quality in Locally Adapted Black Bulls (TAGEM/HAYSÜD – 2021 - ...) **(Researcher)**

▪ PUBLICATIONS

▪ **INTERNATIONAL ARTICLES AND PAPERS**

▪ **Articles Published in International Journals**

- **E. Keles, E. Malama, S. Bozukova, M.Siuda, S. Wyck, U. Witschi, S. Bauersachs, H. Bollwein (2021). The micro-RNA content of unsorted cryopreserved bovine sperm and its relation to the fertility of sperm after sex-sorting (*BMC genomics* 22.1 (2021): 1-19)**

▪ **International Papers, Seminars, etc.**

- **E. Keles, E. Malama, S. Bauersachs, H. Bollwein. Differential miRNA expression in bull sperm correlates with different fertility status of sex-sorted sperm (1st AgroVet Strickhof Conference - July 2019, Zürich / Switzerland)**
- **E. Keles, E. Malama, S. Bozukova, M.Siuda, S. Wyck, U. Witschi, S. Bauersachs, H. Bollwein. MicroRNAs of bovine sperm and their relation to sperm fertility after sex-sorting (53rd annual conference on physiology and pathology of reproduction, at the same time 45th joint veterinary and human medicine conference - February 2020, Rostock/ Germany)**
- **HO Arslan, E Keles, M Siuda, B Rostami, H Bollwein. Effects of the addition of different concentrations of catalase and sodium pyruvate to TRIS egg yolk extender before freezing on quality of frozen-thawed bull sperm (54th Annual Conference Physiology and Pathology of Reproduction and simultaneously 46th Joint Congress of Veterinary and Human Medicine – February 2021, Zürich/ Switzerland)**
- **HO Arslan, E Keles, B Rostami. The addition of glycerol and trehalose on cryopreserved goat sperm (International Congress on Biological and Health Sciences – 26-28 February 2021, Türkiye)**
- **I Unal, A Okuroglu, R Sevgi, F Korkmaz, HO Arslan, E Keles Arslan, I Bastan. Effects of Different Extenders on Post-Thaw Sperm Quality of Locally Adapted Anatolian Black Bulls: The Preliminary Results (2nd Livestock Studies Congress – 29 - 30 October 2021, Antalya, Türkiye)**



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▪ **OTHER PUBLICATIONS**

▪ **Ph.D. Thesis, Master Thesis, Reports, Books etc.**

1. **Esin Keles-Arslan. Relation of the micro-RNA content of unsorted cryopreserved sperm and the fertility of sperm after sex-sorting** (Doctoral Thesis, University of Zurich, September 2020, Zurich/Switzerland)

▪ **Membership, Training, Course, Meeting, Congress, Symposium and Other Activities**

1. "**Artificial Insemination with Recto-Vaginal Method in Cattle**" course (12-16 April 2021) – ERZINCAN Directorate of Provincial Agriculture and Forestry, ERZINCAN/TURKIYE (Trainer)
2. "**Training of Trainers of Artificial Insemination and Pedigree Legislation**" course (1-5 November 2021) – NUKUS/UZBEKISTAN (Trainer)
3. "**Training of Trainers of Artificial Insemination and Pedigree Legislation**" course (8-12 November 2021) – ANDIJAN/UZBEKISTAN (Trainer)
4. "**Training of Trainers of Artificial Insemination and Pedigree Legislation**" course (15-19 November 2021) – TASHKENT/UZBEKISTAN (Trainer)
5. "**Certificate for Use of Experimental Animals**" course (2021) ANKARA/TURKIYE (Trainee)