

## Res. Asst. PhD EMEL TÜTEN SEVİM

### Personal Information

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### International Researcher IDs

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### Education Information

Doctorate, Akdeniz University, Institute of Science, Turkey 2017 - 2023

Doctorate, INIA, Animal Reproduction, Animal Genomic Engineering, Spain 2021 - 2022

Postgraduate, Tekirdağ Namik Kemal University, Graduate School Of Natural And Applied Sciences, Tarımsal

Biyoteknoloji Abd, Turkey 2014 - 2016

Undergraduate, Tekirdağ Namik Kemal University, Faculty Of Agriculture, Tarımsal Biyoteknoloji, Turkey 2009 - 2014

Undergraduate, --Seçiniz--, Faculty Of Agricultural Biotechnology, Department Of Biotechnology, Poland 2011 - 2012

### Dissertations

Postgraduate, Nükleer Transfer ile Elde Edilen Klon Sığır ve Yavrularının mtDNA ve Mikrosatellit Belirteçlerle Karakterizasyonu, Tekirdağ Namik Kemal University, Fen Bilimleri Enstitüsü, Tarımsal Biyoteknoloji Abd, 2016

### Research Areas

Veterinary Histology and Embryology, Biotechnology, Animal Molecular Genetics, Natural Sciences

### Academic Titles / Tasks

Research Assistant PhD, Akdeniz University, Faculty of Agriculture, Department of Agricultural Biotechnology, 2023 - Continues

Research Assistant, Akdeniz University, Faculty of Agriculture, Department of Agricultural Biotechnology, 2019 - 2023

### Published journal articles indexed by SCI, SSCI, and AHCI

- A study of whether the genetic variation decreased or not in the protected Caucasian bee, *Apis mellifera caucasica* Pollmann, 1889 (Hymenoptera: Apidae) population in isolated regions1 İzole bölgelerde korunan Kafkas arısı, *Apis mellifera caucasica* Pollmann, 1889 (Hymenoptera: Apidae) popülasyonunda genetik varyasyonun azalıp azalmadığına dair bir çalışma**  
Yıldız B. İ., Tüten Sevim E., Aydın S., Aslan Y. K., Çetin R., Sur E., Karabağ K.  
Turkiye Entomoloji Dergisi, vol.47, no.3, pp.271-282, 2023 (SCI-Expanded)
- Uncovering the developmental defects associated to Holstein haplotype 3 by CRISPR technology**  
Pérez-Gómez A., Álvarez-Sala M., Inglés-Pedreño Á., Lamas-Toranzo I., Galiano-Cogolludo B., Gabriela Hamze J.,

Tüten Sevim E., Ramos-Ibeas P., Bermejo-Álvarez P.

REPRODUCTION, FERTILITY AND DEVELOPMENT, vol.35, no.2, pp.205, 2022 (SCI-Expanded)

III. **GENETIC RELATIONSHIPS BETWEEN COMMERCIALY PRODUCED AND NATURAL POPULATIONS OF BOMBUS TERRESTRIS DALMATINUS IN TERMS OF MITOCHONDRIAL COI AND CYTB**

Karabağ K., Tüten Sevim E., Taşbaş Ş.

Journal Of Apicultural Science, vol.65, no.2, pp.1-16, 2021 (SCI-Expanded)

IV. **COMBINING DIMETHYL SULPHOXIDE (DMSO) WITH DIFFERENT CRYOPROTECTANTS ENSURES BETTER CARTILAGE CELL CRYOPRESERVATION**

TÜTEN SEVİM E., ARAT S.

CRYOLETTERS, vol.42, no.4, pp.220-226, 2021 (SCI-Expanded)

V. **Current genetic status of honey bees in Anatolia in terms of thirty polymorphic microsatellite markers**

KARABAĞ K., TUNCA R. İ., TÜTEN SEVİM E., Dogaroglu T.

TURKIYE ENTOMOLOJİ DERGİSİ-TURKISH JOURNAL OF ENTOMOLOGY, vol.44, no.3, pp.333-346, 2020 (SCI-Expanded)

## Articles Published in Other Journals

- I. **081 HH3 embryos arrest their development prior to maternal recognition of pregnancy**  
Pérez-Gómez A., Lamas-Toranzo I., Galiano-Cogolludo B., Hamze-Araujo J., Tüten Sevim E., Ramos-Ibeas P., Bermejo-Álvarez P.  
animal - science proceedings, vol.14, no.3, pp.481-482, 2023 (Conference Book)
- II. **Comparison of Some Carcass Components of Selected Japanese Quail Lines in terms of SNP Haplotypes**  
KARABAĞ K., TÜTEN SEVİM E., KARSLI T., ALKAN S.  
Turkish Journal of Agriculture - Food Science and Technology, vol.7, no.3, pp.68-71, 2019 (Peer-Reviewed Journal)
- III. **Softwares for Phylogenetic Analysis in Animal Biotechnology**  
TÜTEN SEVİM E., KARABAĞ K.  
Academia Journal of Engineering and Applied Sciences, pp.128-134, 2018 (Peer-Reviewed Journal)
- IV. **Klon Hayvanların mtDNA Analizlerinde Farklı Yöntemler ve Bunların Sonuçlarının Karşılaştırılması**  
TÜTEN SEVİM E., ARAT S.  
Akademia Mühendislik ve Fen Bilimleri Dergisi, pp.121-127, 2018 (Peer-Reviewed Journal)
- V. **Hayvan Biyoteknolojisinde Filogenetik Analizler İçin Kullanılan Yazılımlar**  
TÜTEN SEVİM E., KARABAĞ K.  
Akademia Mühendislik ve Fen Bilimleri Dergisi, pp.128-134, 2018 (Peer-Reviewed Journal)
- VI. **Characterization of cloned cattle obtained by nuclear transfer and their offspring with mtDNA and microsatellite markers Nükleer transfer ile elde edilen klon sığır ve yavrularının mtDNA ve mikrosatellit belirteçlerle karakterizasyonu**  
Tüten Sevim E., Özdil F., Özkan Ünal E., Arat S.  
Journal of Tekirdag Agricultural Faculty, vol.14, no.2, pp.150-157, 2017 (Scopus)

## Papers Published in Refereed Scientific Meetings

- I. **Bovine embryos lacking progesterone receptor (PGR) develop normally through early elongation**  
Galiano-Cogolludo B., Gabriela Hamze J., Lamas-Toranzo I., Pérez-Gómez A., González-Brusi L., Tüten Sevim E., Ramos-Ibeas P., Bermejo-Álvarez P.  
38th Annual Meeting A.E.T.E., Utrecht, Netherlands, 15 - 16 September 2022, pp.122
- II. **Progesterone Receptor (PGR) is not Required for Bovine Hypoblast Migration and Embryonic Disc Formation in vitro**

Galiano-Cogolludo B., Hamze J. G., Lamas-Toranzo I., Pérez-Gómez A., González-Brusi L., Tüten Sevim E., Ramos-Ibeas P., Bermejo-Álvarez P.

19th International Congress on Animal Reproduction, Bologna, Italy, 26 - 30 June 2022, pp.177

- III. **TEAD4 is Dispensable for Bovine Conceptus Elongation**  
Pérez-Gómez A., Tüten Sevim E., González-Brusi L., Lamas-Toranzo I., Gabriela Hamze J., Galiano-Cogolludo B., Ramos-Ibeas P., Bermejo-Álvarez P.  
19th International Congress on Animal Reproduction, Bologna, Italy, 26 - 30 June 2022, pp.177
- IV. **Programmable Gene Editing Techniques and Their Use in Livestock**  
Yıldız B. İ., Tüten Sevim E., Karabağ K.  
3rd International and 12th National Animal Science Conference, Bursa, Turkey, 27 - 28 November 2021, pp.1
- V. **Comparasion of Some Carcass Components of Selected Japanese Quail Lines in terms of SNP Haplotypes**  
KARABAĞ K., TÜTEN SEVİM E., KARSLI T., Alkan S.  
1 st International Congress of the Turkish Journal of Agriculture - Food Science and Technology, Antalya, Turkey, 20 - 23 November 2019, pp.553-557
- VI. **Bal Arılarında SNP Haplotip Analizlerinde Kullanılan Yazılımlar**  
TÜTEN SEVİM E., KARABAĞ K.  
4. Uluslararası Anadolu Tarım, Gıda, Çevre ve Biyoloji Kongresi, 20 - 22 April 2019
- VII. **Hayvan Biyoteknolojisinde Filogenetik Analizler İçin Kullanılan Yazılımlar**  
TÜTEN SEVİM E., KARABAĞ K.  
6th ASM International Congress of Agriculture and Environment, Antalya, Turkey, 11 October - 13 January 2018
- VIII. **Determination of genetic variation in some honeybee populations of Turkey using microsatellite loci**  
İVGİN TUNCA R., KARABAĞ K., TÜTEN SEVİM E., DOĞAROĞLU T.  
6. International Muğla Beekeeping and Pine Honey Congress, Muğla, Turkey, 15 - 19 October 2018, pp.36
- IX. **Different Methods in MtDNA Analysis of Cloned Animals and Comparison of Their Results**  
TÜTEN SEVİM E., ARAT S.  
6.ASM International Congress of Agriculture and Environment, Antalya, Turkey, 11 - 13 October 2018, pp.32
- X. **Softwares for Phylogenetic Analysis in Animal Biotechnology**  
TÜTEN SEVİM E., KARABAĞ K.  
6.ASM International Congress of Agriculture and Environment, Antalya, Turkey, 11 - 13 October 2018
- XI. **Effects of SNP'xxs on the Secondary Protein Structure of Prolactin Gene in Long-Term Selected Japanese Quail**  
KARABAĞ K., TÜTEN SEVİM E.  
International Poultry Science Congress of WPSA Turkish Branch'xx2018, Niğde, Turkey, 9 - 12 May 2018, pp.421-422
- XII. **The Effect of different cryoprotectant combinations on the viability of bovine cartilage cells**  
TÜTEN SEVİM E., ARAT S.  
6. International Molecular Biology and Biotechnology Congress, Afyonkarahisar, Turkey, 22 - 25 December 2017, pp.20
- XIII. **Genetic Characterization of Cloned Cattle and Their Generations**  
TÜTEN SEVİM E., SÖNMEZ V., ARAT S.  
6. International Molecular Biology and Biotechnology Congress, Afyonkarahisar, Turkey, 22 - 25 December 2017, pp.89
- XIV. **Characterization of cloned cattle produced by nuclear transfer and their offspring by using mtDNA and microsatellite markers**  
TÜTEN SEVİM E., ÖZDİL F., ÖZKAN ÜNAL E., ARAT S.  
2. International Balkan Agriculture Congress, Tekirdağ, Turkey, 16 - 18 May 2017, pp.110
- XV. **Boz ırk klonların ve yavrularının yaşama kabiliyetleri, üreme performanslarının incelenmesi ve moleküler karakterizasyonu**  
ARAT S., PABUÇÇUOĞLU S., SAĞIRKAYA H., NAK Y., ALKAN S., ÖZDİL F., ÖZKAN ÜNAL E., ALÇAY S., TÜTEN SEVİM E., SÖNMEZ V., et al.

## **Supported Projects**

Tüten Sevim E., TÜBİTAK Project, Investigation of CDX2 role in trophectoderm differentiation of bovine preimplantation embryos by using CRISPR/Cas9, 2021 - 2023

## **Metrics**

Publication: 26

Citation (Scopus): 6

H-Index (WoS): 1

H-Index (Scopus): 2