

Res. Asst. PhD EMEL TÜTEN SEVİM

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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.
Türkiye 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)

Refereed Congress / Symposium Publications in Proceedings

- 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