



TAGEM
R&D AND INNOVATION

INTERNATIONAL LIVESTOCK RESEARCH AND
TRAINING CENTER / ANKARA

YUNUS ARZIK, MSc Veterinarian

EDUCATION

- Assoc. prof**
- PhD**
2019-still-continuing
Erciyes University
Agriculture Science and
Tech.
- MSc**
2015-2017
Wageningen University
Animal Breeding and
Genomics
- Bachelor's Degree**
2007-2012
Kafkas University
Veterinary Medicine
Veterinarian,

LANGUAGE

English YÖKDİL 88 / 100


CAREER

- 2013 – 2014, Veterinarian (Agricultural Consultant), the Ministry of Agriculture and Forestry, Ayvacık, Çanakkale.
- 2019 – 2021 Genetic Laboratory Manager, Breeding and Genetics Department, International Livestock Research and Training Center, Ankara.
- 2017 – Present, Veterinarian (Breeding and Genetics Specialist), Department of Breeding and Genetics, International Livestock Research and Training Center, Lalahan, Mamak, ANKARA.


ABOUT ME

I was born in 1989 in Develi, Kayseri. In 2012, he graduated from Kafkas University, Faculty of Veterinary Medicine. He continued his professional education on Animal Breeding and Genomics at Wageningen University in the Netherland for 2 year between 2015 and 2017. He still works on similiar areas at Breeding and Genetics Department, International Livestock Research and Training Center.

CONTACT

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▪ **PROJECTS**

▪ **Projects Conducted**

1. Community-based Breeding Project of Akkaraman Sheep in Ankara / TAGEM / Project Assistant.
2. Community-based Breeding Project of Central Anatolian Merino Sheep in Ankara – I / TAGEM / Project Assistant.
3. Community-based Breeding Project of Central Anatolian Merino Sheep in Ankara – II / TAGEM / Project Assistant.

▪ **Ongoing Projects**

1. Development of Genetic Diagnostic Kit for Selection of Anatolian Buffaloes to Improve Growth Performance and Milk Yield / 2018 / TAGEM-R&D Project / Researcher / In progress
2. 6. EU (ERANET) Project Grass to Gas Mitigating Methane Emission from Pasture Based Sheep Production Systems / 2019 / Researcher / In progress
3. 7. Detection of Genomic Region Related to Parasite Resistance in Akkaraman Sheep / 2020 / TAGEM/HAYSÜD/B/21/A5/P1/2708 / Project Leader / In progress.
4. 8. Comparative Genomic Characterization of Akkaraman, Şavak-Akkaraman, Kangal-Akkaraman, Morkaraman, Güney Karaman, Zom and Karakaş Sheep / 2020 / TAGEM/HAYSÜD/Ü/21/A4/P3/2834 / Project Leader / In progress.
5. 9. Comparative Genomic Characterization of Native Black Cattle with Different Bos Taurus Breeds / 2020 / TAGEM/HAYSÜD/Ü/21/A4/P3/2835 / Researcher / In progress.
6. 10. Genomic Characterization of Angora Goats. / 2020 / TAGEM/HAYSÜD/Ü/21/A4/P3/2844 / Researcher / In progress.



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▪ **PUBLICATIONS**

▪ **INTERNATIONAL ARTICLES AND PAPERS**

▪ **Articles Published in International Journals**

1. Yilmaz, O., Kizilaslan, M., **Arzik, Y.**, Behrem, S., Ata, N., Karaca, O., Elmaci, C., & Cemal, I. (2021). Genome-wide association studies of preweaning growth and in vivo carcass composition traits in Esmé sheep. *Journal of Animal Breeding and Genetics*, 00, 1–14. <https://doi.org/10.1111/jbg.1264>.
2. Kizilaslan, M., **Arzik, Y.**, Cinar, M.U., Konca, Y., (2021). Genome-wise engineering of ruminant nutrition-nutrigenomics: applications, challenges, and future perspectives. *Annals of Animal Science*, <https://doi.org/10.2478/aoas-2021-0057>.

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

1. **Yunus Arzik**, B.J. (Bart) Ducro, Lydia de Haer, Effect of Inbreeding on Milk Traits in Dutch Holstein Dairy Cattle, I. International Livestock Science Congress 31 Oct.- 3 Nov., Oral Presentation, Antalya / TURKEY.

▪ **NATIONAL ARTICLES AND PAPERS**

▪ **Articles Published in National Journals**

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



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▪ **OTHER PUBLICATIONS**

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

1. Master Thesis, March 2017, Effect Of Inbreeding On Milk Traits And Survival Of Calves In Dutch Holstein Dairy Cattle, Animal Breeding and Genomics Centre, Wageningen University and Research, The Netherlands.
2. Master Thesis, July 2017, Detection of Genomic Regions for Methane Emission In Dairy Cows by Using Genom-wide Association Studies (GWAS), Animal Breeding and Genomics Centre, Wageningen University and Research, The Netherlands.
3. Book, January 2022, Animal Breeding in Farm Animal, Republic of Türkiye Ministry of Agriculture and Forestry, Department of Training And Publication, ISBN NO 978-605-9175-80-7



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

1. Intergovernmental Committee on Intellectual Property and Genetic Resources, Traditional Knowledge and Folklore / Thirty-Sixth Session / Geneva, June 25 to 29,2018.