



**TAGEM**  
R&D AND INNOVATION

INTERNATIONAL CENTER for LIVESTOCK  
RESEARCH and TRAINING / ANKARA

# ALAEDDİN OKUROĞLU

## Veterinarian

### EDUCATION

|                                       |   |
|---------------------------------------|---|
| <b>PhD</b><br>2018-Devam              | Ankara University<br>Reproduciton and A.I             |
| <b>MSc</b><br>2016-2017               | Aberystwyth Universtiy<br>IBERS                       |
| <b>Bachelor's Degree</b><br>2005-2009 | Ankara Üniversitesi<br>Faculty of Veterinary Medicine |
| <b>LANGUAGE</b>                       | IELTS / 6.5   |

### CAREER


- 2014-2015 Veterinarian, Pet Clinic - Ankara
- Since 2018- Veterinerian, International Center for Livestock Research and Training- ANKARA

### ABOUT ME

He was born in 1990 in Denizli. He graduated from Ankara University Faculty of Veterinary Medicine in 2014. He maintained his professional education in 2016 at the Department of Animal Science at Aberystwyth University in the United Kingdom for 14 months on reproduction and genetics in bovine animals.

Since 2018, he has been involved in many biotechnology kinds of research, especially on bovine reproduction and Embryo Transfer Technology in International Center for Livestock Research and Training

### CONTACT

 S.Sırrı İçöz Cad. UHAEM,  
Lalahan/Mamak, Ankara, TURKEY

 [alaaddinokuroglu@gmail.com](mailto:alaaddinokuroglu@gmail.com)





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### ▪ **PROJECTS**

#### ▪ **Projects Conducted**

- Development of Alternative Technique for In vivo Embryo Production in Cattle; A new Superovulation Method with a Special Adjuvant
- Cryopreservation of Angora Goat Sperm with Extenders Groups Including Different Additives
- Animal Welfare Investigation of Turkish Native Black Cattle within the scope of Conservation of Genetic Resources Project.

#### ▪ **Ongoing Projects**

- The Effect of Intra-Venous Glucose Treatment on Superovulation Success and Embryo Production in Holstein Cattle
- Determination Of The Follicular Dynamics Of The Sexual Cycle In Turkish Native Black Cattle And Investiogation Of Ovum-Pick Up (OPU) Success
- In Vitro Embryo Production through Oocytes Obtained from by Laparoscopic Ovum Pick Up (LOPU) Method in Prepubertal Turkish Native Black and Holstein Calves.
- Effects of Different Extenders on Post-thaw Sperm Quality of Locally Adapted Anatolian Black Bulls
- Çorum Province Pilot Application for the Detailed Description of Daily Feed Consumption, Methane Releases and Pasture Environment of Akkaraman Sheep Feeding on Pasture
- Effects of Forage and Concentrate Feed Ratios on Rumen Parameters and Methane Production in Dairy CowsThe
- Model Study for the Determination of Rumen Methane Production in Animals of Different Breeds.
- Conservation of Genetic Resources under Breeder Conditions (Turkish Native Black Cattle).



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### ■ **PUBLICATIONS**

#### ■ **INTERNATIONAL ARTICLES AND PAPERS**

##### ■ **Articles Published in International Journals**

- Sevgi R, Erdem H, Karaşahin T, Yılmaz M.A, Satılmış M, Okuroğlu A, Ünal İ, Dursun Ş, Alkan H, Satılmışı F, Güler M. 2019. Determination of the relationship between serum anti-Müllerian hormone level and superovulatory response in Simmental cows. *Reprod. Dom. Anim.* 2019;54:1322–1329

##### ■ **International Papers, Seminars, etc.**

1. A.Okuroğlu, M. Hegarty, Use of High Density to Identify Genomic Differences between Holstein and Simmental Cattle, 1.International Livestock Science Congress 31 Ekim- 3 Kasım 2019, Poster Presentation ,Antalya / TURKEY
2. İlker Ünal, Alaeddin Okuroğlu, Ramazan Sevgi, Fırat Korkmaz, H. Ozancan Arslan, Esin Keleş Arslan, İlktan Baştan, Effects of Different Extenders on Post-thaw Sperm Quality of Locally Adapted Anatolian Black Bulls: The Preliminary Results, 2. International Livestock Science Congress 29 -31 Ekim 2021, Oral Presentation, Antalya / TURKEY
3. Mehmet Ali Yılmaz, Tuncay Çökülgen, Ramazan Sevgi, Alaeddin Okuroğlu, Muharrem Satılmış, Erkan Say, Sedat Hamdi Kızıl, Barış Kılıç, İlker Ünal, Yasin Ergiden,Burak Artut, The Effect of Use of Follicle Stimulating Hormone with a Special Adjuvant During Superovulation in Cattle on Corpus Luteum Number and Embryo Production, 2. International Livestock Science Congress 29 -31 Ekim 2021 ,Oral Presentation, Antalya / TURKEY
4. Mehmet Ali Yılmaz, Ramazan Sevgi, Alaeddin Okuroğlu, Erkan Say, The Effect of Different Dilutions of Follicle Stimulating Hormone and Luteinizing Hormone on Development Oocyte Maturation in Cattle, 2. International Livestock Science Congress 29 -31 Ekim 2021, Poster Presentation, Antalya / TURKEY
5. Ramazan Sevgi, Mehmet Ali Yılmaz, Alaeddin Okuroğlu, Ömer Onur Parıldar, Fırat Korkmaz, Talha Burak Ertem, Ali Erdem Öztürk, Muharrem Satılmış, Mustafa Numan Bucak, Freezing of Ankara Buck Sperm With Extenders Containing Trehalose And Carnosic Acid at Different Doses 2. International Livestock Science Congress 29 -31 Ekim 2021, Poster Presentation, Antalya / TURKEY.

#### ■ **NATIONAL ARTICLES AND PAPERS**

##### ■ **Articles Published in National Journals**

- SAKAR, Ç. M., İlker, Ü. N. A. L., OKUROĞLU, A., COŞKUN, M. İ., & ZULKADİR, U.Prediction of Live Weight from Chest Girth From Birth to 12 Months of Age in Yerli Kara Cattle. *Black Sea Journal of Agriculture*, 3(3), 200-204.
- SATILMIŞ, M., YILMAZ, M. A., Sevgi, R., Karaşahin, T., KIZIL, S. H., Okuroğlu, A., ... & YILDIRIR, Z. T. The Effect of Epidural Application of FSH on Superovulatory Response in Eastern Anatolian Red Cow. *Livestock Studies*, 61(2), 82-87.

##### ■ **International Papers, Seminars, etc.**

1. A.Okuroğlu, MA. Yılmaz, R.Sevgi, M.Satılmış, U.Kaya, İ.ÜNAL, Siyah Alaca ve Esmer Irkı ineklerde İlk Tohumlama gebelik oranının ve Toplam Gebelik Oranının Değerlendirilmesi, 9. Ulusal Reprodüksiyon ve Suni Tohumlama Bilim Kongresi 5-9 Eylül 2018,Poster Bildiri, s100-101, Hatay /TÜRKİYE
2. R.Sevgi, H. Erdem, T. Karaşahin, MA. Yılmaz, M.Satılmış, A.Okuroğlu, Ş.Dursun, H.Alkan, F.Satılmış, M.Güler, Simental Irkı Dönörlerde Anti Müllerian Hormon (AMH) düzeyi ile Süperovulasyon Sonrası Corpus Luteum (CL)



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### ▪ **OTHER PUBLICATIONS**

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

- Use of High Density SNP Markers to Identify Genomic Differences between Holstein and Simmental Cattle

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

1. Reproduction and Artificial Insemination Scientific Association / Member
2. Livestock Studies Journal / Editor
3. I. International Livestock Studies Congress, 2019 / Organisation Secretary
4. II. International Livestock Studies Congress, 2021/ Organisation Secretary
5. National (REPUBLIC OF TÜRKİYE MINISTRY OF AGRICULTURE AND FORESTRY ANKARA DIRECTORATE OF PROVINCIAL AGRICULTURE AND FORESTRY) USG Training Course, 2018.
6. International (SUDAN) Artificial Insemination and Embryo Transfer Training Course, 2020.
7. International (UZBEKİSTAN) Artificial Insemination Training Course, 2021.