



TAGEM
R&D AND INNOVATION

INTERNATIONAL CENTER FOR LIVESTOCK
RESEARCH AND TRAINING/ ANKARA

Dr. MEHMET ALİ YILMAZ

Veterinarian

EDUCATION

- PhD**
2016-2021
Hatay Mustafa Kemal University
Institute of Health Sciences
Department of Obstetrics, Gynecology
and Artificial Insemination
- MSc**
2008-2011
Hatay Mustafa Kemal University
Institute of Health Sciences
Department of Mikrobiyology (Vet)
- Bachelor's Degree**
2002-2007
Hatay Mustafa Kemal University
Faculty of Veterinary Medicine

LANGUAGE YDS / 61

CAREER

- 2009-2013- Provincial Directorate of Agriculture and Forestry - KARS
- Since 2013- Veterinarian, International Center for Livestock Research and Training- ANKARA

ABOUT ME

He was born in 1979 in Gaziantep. He graduated from Hatay Mustafa Kemal University Faculty of Veterinary Medicine in 2007. He graduated Master (MSc) from Hatay Mustafa Kemal University, Institute of Health Sciences, Microbiology (Vet) Department in 2011. He graduated doctorate (PhD) in Hatay Mustafa Kemal University, Institute of Health Sciences, Department of Obstetrics, Gynecology and Artificial Insemination in 2021. He is married and has three children. Expertise; Obstetrics and Gynecology, Artificial insemination, Embryo transfer, Embryo production, Microbiology, Antibiotic resistance. Since 2013 he has been involved in research and training on Embryo Transfer Technologies, reproduction and artificial insemination at the International Center for Livestock Research and Training.

CONTACT

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▪ **PROJECTS**

▪ **Projects Conducted**

- Determination of Embryo Production Potential and Some Embryo Development Parameters of Anatolian Buffalo in In Vitro Conditions /General Directorate of Agricultural Research and Policies (GDARP) Project/ Project Head Researcher / Concluded.
- Development of Alternative Techniques for In Vivo Embryo Production in Cattle; A New Superovulation Method with a Special Adjuvant/ GDARP Project /Project Head Researcher / Concluded.
- The Effect of Long-Frozen Bull Semen on In Vitro Embryo Divisions / KKU Faculty of Veterinary Medicine, BAP Project / Assistant Researcher / Concluded.
- Domestic Pet Gene Bank and Its Sustainable Use: Investigation of Epidural Superovulation Efficiency in Eastern Anatolian Red Cows / GDARP project / Assistant Researcher / Concluded.
- Freezing of Angora goat semen with diluent groups containing different additives GDARP Project / Assistant Researcher / Concluded.

▪ **Continuing Projects**

- Anatolian Mandate Breeding in Public Hands National Project ÇORUM Sub-Project / GDARP Project / Project Head Researcher.
- Domestic Animal Breeding in the Hands of Public Çorum Akkaraman I-II and Hair Goat Projects / GDARP Project / Assistant Researcher.
- The Effect of Different Semen Preparation Techniques Used for IVF Technique in Cattle on the Obtained Embryo Quality. / GDARP Project/ Project Head Researcher .
- The Effect of Heterosis with Different Breeds on Reproductive and Yield Parameters in Holstein Dairy Cattle / GDARP Project /Assistant Researcher.
- The Effect of Intra-Venous Glucose Administration with Fsh on Superovulation and Embryo Production in Holstein Breed Cattle. / GDARP Project/ Assistant researcher.
- Investigation of Follicular Dynamics of Sexual Cycle in Domestic Black Breed Cattle and Determination of Ovum Pick Up Success Applied with Different Hormonal Protocols. / GDARP Project/ Assistant researcher.
- In Vitro Embryo Production from Oocytes Obtained by Laparoscopic Ovum Pick Up (LOPU) Method in Prepubertal Native Land and Holstein Calves. / GDARP Project/ Assistant researcher.



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■ PUBLICATIONS

■ INTERNATIONAL ARTICLES AND PAPERS

■ Articles Published in International Journals

1. Ürer, E. K., Aslantaş, Ö., Tek, E., **Yılmaz, M. A.**,Ergün, Y. (2023). Antimicrobial susceptibility and biofilm forming ability of staphylococci from subclinical buffalo mastitis. Journal of Dairy Research, 90(1), 38-41.
2. ÇM SAKAR, İ ÜNAL, **MA YILMAZ**, T ÇÖKÜLGEN & Z TAVLI YILDIRIR. Comparison of Some Herd Life and Reproductive Parameters of Anatolian Black and Culture Breed Cows. LAGE ANİMAL REVİEW (2022) Cilt : 6 Sayı : 28 Sayfa : 299-305.
3. Aslantaş Ö, Türkyılmaz S, **Yılmaz MA**, Erdem Z, Demir C., Isolation and molecular characterization of methicillin-resistant staphylococci from horses, personnel and environmental sites at an equine hospital in Turkey.J Vet Med Sci. 2012 Dec, 74(12): p.1583-8.
4. Özkan ASLANTAŞ, Süheyla TÜRKYILMAZ, **Mehmet Ali YILMAZ**, Ebru Şebnem YILMAZ. Prevalence of methicillin-resistant staphylococci in dogs. Kafkas Univ.Vet.Fak.Derg, 2013, 19, 37-42.
5. Özkan Aslantaş, **Mehmet Ali Yılmaz**, Ebru Şebnem Yılmaz, Cemil Kurekci. Antimicrobial susceptibility pattern and SCCmec types of methicillin-resistant coagulase-negative staphylococci from subclinical bovine mastitis in Hatay, Bull Vet Inst Pulawy, 2014, 58; p. 563-566.
6. Sevgi, R., Erdem, H., Karaşahin, T., **Yılmaz, M.A.**, Satılmış, M., Okuroğlu, A., Ünal İ., Dursun, Ş., Alkan, H., Satılmış, F.,Güler, M. (2019). Determination of the relationship between serum anti-mullerian hormone (AMH) level and superovulatory response in Simmental cows. Reproduction in Domestic Animals.

■ International Papers, Seminars, etc.

1. **Mehmet Ali YILMAZ**, Ramazan SEVGİ, Sedat Hamdi KIZIL, Muharrem SATILMIŞ. (2017), Embryo Transfer in Dairy Cows with Repeat Breeder Syndrome. 7th National and 1th Internationa Congress, Poster Presentation, p 326-327, 12-15 October 2017, ANTALYA/ TURKEY.
2. Ramazan SEVGİ, **Mehmet Ali YILMAZ**, Sedat Hamdi KIZIL, Muharrem SATILMIŞ. (2017), Comparison of In-Vivo Embryo Production in Simmental Cows with World Average, 7th National and 1th International Congress. Poster Presentation, s283-284, 12-15 October 2017, ANTALYA/ TURKEY.
3. Ece KOLDAŞ ÜRER, Özkan ASLANTAŞ, Erhan TEK, **Mehmet Ali YILMAZ**, Yaşar ERGÜN, 2019, Investigation of Antimicrobial Susceptibility and Biofilm Forming Ability of Staphylococci from Subclinical Anatolian Buffalo Mastitis, İstanbul 12th World Buffalo Congress Book of Abstract, ORAL ABSTRACTS, p-49.
4. **Mehmet Ali YILMAZ**, Engin ÜNAY, Yusuf KAPLAN, (2019), Age of First Calving Season and Calves Growth Data in Anatolian Water Buffaloes In Çorum Province, İstanbul 12th World Buffalo Congress Book of Abstract, POSTER PRESENTATIONS, p-78.
5. **Mehmet Ali YILMAZ**, Mustafa KAYMAZ, Yaşar ERGÜN, (2019), In Vitro Embryo Development Parameters In Anatolian Water Buffaloes. I.International Livestock Science Congress, 31.10.2019-02.11.2019, Poster Presentations, Antalya /TURKEY.
6. **Mehmet Ali YILMAZ**, Engin ÜNAY, Muhammet İkbal COŞKUN, (2019), Evaluation To Change Of Lactation Milk Yield In Different Years And Seasons In Buffaloes In Çorum Province, I.International Livestock Science Congress, 31.10.2019-02.11.2019, Poster Presentations, Antalya /TURKEY.
7. Tuncay ÇÖKÜLGEN Ramazan SEVGİ **Mehmet Ali YILMAZ** İlker ÜNAL Barış KILIÇ Sedat Hamdi KIZIL



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8. Muhammed İkbâl COŞKUN, **Mehmet Ali YILMAZ**, Engin ÜNAY, (2019), Çorum İlinde Yetiştirilen Kıl Keçilerinde Anaç Yaşlarının Oğlak Büyüme Verileri Arasında İlişkinin Değerlendirilmesi, I.International Livestock Science Congress, 31.10.2019-02.11.2019, Poster Presentations, Antalya /TURKEY.
 9. Muhammed İkbâl COŞKUN, **Mehmet Ali YILMAZ**, Engin ÜNAY, (2019), Çorum İlinde Yetiştirilen Kıl Keçilerinde Oğlak Büyüme Verilerinin Çeşitli Faktörler Açısından İncelenmesi, I. International Livestock Science Congress, 31.10.2019-02.11.2019, Poster Presentations, Antalya /TURKEY.
 10. **Mehmet Ali Yılmaz**, Tuncay ÇÖKÜLGEN, Ramazan SEVGİ, Alaeddin OKUROĞLU, Muharrem SATILMIŞ, Sedat Hamdi KIZIL, İlker ÜNAL, Barış KILIÇ, Yasin ERGİDEN, Burak ARTUR., The Effect of Use of Follicle Stimulating Hormone with a Special Adjuvant During Superovulation in Cattle on Corpus Luteum Number and Embryo Production, *II. International Livestock Science Congress*, 29.10.2021-30.10.2021, Oral Presentations, Antalya /TURKEY.
 11. **Mehmet Ali YILMAZ**, Engin ÜNAY, Muhammed İkbâl COŞKUN, Yusuf KAPLAN, Özlem AKKULAK, The Effect of Some Seasons on Milk Components and Quality of Anatolian Water Buffaloes in Çorum Province. *II. International Livestock Science Congress*, 29.10.2021-30.10.2021, Poster Presentations, Antalya /TURKEY.
 12. **Mehmet Ali YILMAZ**, Ramazan SEVGİ, Alaeddin OKUROĞLU, Erkan SAY., The Effect of Different Dilutions of Follicle Stimulating Hormone and Luteinizing Hormone on Development Oocyte Maturation in Cattle. *II. International Livestock Science Congress*, 29.10.2021-30.10.2021, Poster Presentations, Antalya /TURKEY.
 13. Muhammed İkbâl COŞKUN, **Mehmet Ali YILMAZ**, Engin ÜNAY, Some Characteristics Factors of Hair Goats., *II. International Livestock Science Congress*, 29.10.2021-30.10.2021, Poster Presentations, Antalya /TURKEY.
 14. Ramazan SEVGİ, **Mehmet Ali YILMAZ**, Alaeddin OKUROĞLU, Ömer Onur PARILDAR, Fırat KORKMAZ, Talha Burak ERTEM, Ali Erdem ÖZTÜRK, Muharrem SATILMIŞ, Mustafa Numan BUCAK. Freezing of Ankara Buck Sperm with Extender with Added Trehalose and Carnosic Acid. *II. International Livestock Science Congress*, 29.10.2021-30.10.2021, Poster Presentations, Antalya /TURKEY.
 15. **Mehmet Ali YILMAZ**, Mustafa Kaymaz, Yaşar ERGÜN, Some In Vitro Embryo Development and Production Parameters of Anatolian Water Buffaloes, TURKISH SOCIETY OF VETERINARY GYNECOLOGY CONGRESS OF 9th NATIONAL & 3rd INTERNATIONAL, 24 – 27 March 2022, Oral Presentations, Antalya /TURKEY
- **NATIONAL ARTICLES AND PAPERS**
1. ÜRER, E. K., Erhan, T. E. K., ASLANTAŞ, Ö., **YILMAZ, M. A.**, & ERGÜN, Y. Subklinik Manda Mastitislerinden İzole Edilen Enterokok Türlerinde Antimikrobiyal Direnç ve Virulans Genleri. *Harran Üniversitesi Veteriner Fakültesi Dergisi*, 11(2), 209-215.
 2. **Mehmet Ali YILMAZ**, Özkan ASLANTAŞ, Burçin ÖZER, Ebru Şebnem YILMAZ. Nasal Carriage of Methicillin-Resistant Coagulase Negative staphylococci (MR-CoNS) Among Veterinarians and Veterinary Students. *İstanbul Üniv. Vet. Fak. Derg. / J. Fac. Vet. Med. Istanbul Univ.*, 2015, 41 (1), p.69-78.
 3. SARIBAY, MUSTAFA KEMAL., KÖSE, AYŞE MERVE., **YILMAZ, MEHMET ALİ.**, Repeat Breeder İneklerin Tedavisinde GnRH ve Gonadotropinlerin (LH, hCG, PMSG) Kullanımı. *Lalahan Hayvancılık Araştırma Enstitüsü Dergisi*, cilt: 58.1: 34-41., 2018.
 4. M SATILMIŞ, **MA YILMAZ**, R Sevgi, T Karaşahin, SH KIZIL, A Okuroğlu, et al. The Effect of Epidural Application of FSH on Superovulatory Response in Eastern Anatolian Red Cow Livestock Studies 61 (2), 82-87



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Articles Published in National Journals

1. **Mehmet Ali YILMAZ**, Özkan ASLANTAŞ, Burçin ÖZER, Ebru Şebnem YILMAZ. Nasal Carriage of Methicillin-Resistant Coagulase Negative staphylococci (MR-CoNS) Among Veterinarians and Veterinary Students. *Istanbul Üniv. Vet. Fak. Derg. / J. Fac. Vet. Med. Istanbul Univ.*, 2015, 41 (1), p.69-78.
2. SARIBAY, MUSTAFA KEMAL., KÖSE, AYŞE MERVE., **YILMAZ, MEHMET ALİ.**, Repeat Breeder İneklerin Tedavisinde GnRH ve Gonadotropinlerin (LH, hCG, PMSG) Kullanımı. *Lalahan Hayvancılık Araştırma Enstitüsü Dergisi*, cilt: 58.1: 34-41., 2018.
3. M SATILMIŞ, **MA YILMAZ**, R Sevgi, T Karaşahin, SH KIZIL, A Okuroğlu, at al. 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. Muharrem SATILMIŞ, **Mehmet Ali YILMAZ**, Ramazan SEVGİ, Sedat Hamdi KIZIL, Doğu Anadolu Kırmızısı ineklerde epidural yola uygulanan FSH'nın süperovulasyon etkinliğinin araştırılması, 9. Ulusal Reprodüksiyon ve Suni Tohumlama Bilim Kongresi 5-9 Eylül 2018, Pster Bildiri, s80-81, 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) Sayısı Arasındaki İlişkinin Belirlenmesi, 9. Ulusal Reprodüksiyon ve Suni Tohumlama Bilim Kongresi, 5-9 Eylül 2018, Oral Sunum, s22-23, Hatay / TÜRKİYE.
3. A.Okuroğlu, R.Sevgi, **MA. Yılmaz**, M.Satılmış, U.Kaya, İ.ÜNAL, Siyah Alaca ve Esmer Irkı ineklerde İl 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.
4. Ufuk KAYA, Pınar AMBARCIOĞLU, **Mehmet Ali YILMAZ**, Cafer Tayyar ATEŞ, Anadolu Mandalarında Süt Verimini Etkileyen Bazı Faktörlerin Doğrusal Regresyon Analizi İle İncelenmesi, VII. Ulusal Veteriner Zootekni Kongresi 2-5 Mayıs 2018, Hatay / Türkiye.

OTHER PUBLICATIONS

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

Ph.D. Thesis;

Doctoral Advisors; Prof. Dr. Yaşar ERGÜN, Prof. Dr. Mustafa KAYMAZ

Mehmet Ali YILMAZ. Determination of *In Vitro* Embryo Development and Production Parameters of Anatolian Water Buffaloes, Doctorate Thesis (PhD), Hatay Mustafa Kemal University, Institute of Health Sciences, Department of Obstetrics, Gynecology and Artificial Insemination in 2021.

Master Thesis;

Master Thesis Advisor: Prof. Dr. Özkan ASLANTAŞ

Mehmet Ali YILMAZ. Determination of Methicillin Resistant *Staphylococcus aureus* Carriage in Veterinarians and Veterinary Faculty Students. Master Thesis (MSc), Hatay Mustafa Kemal University, Institute of Health Sciences, Microbiology (Vet) Department in 2011.



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▪ **OTHER PUBLICATIONS**

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

Membership

Turkish Veterinary Gynecology Association

Turkish Reproduction and Artificial Insemination Science Association

International Training and Courses

- 2014 Artificial Insemination and Embryo Transfer Training - Afganistan
- 2015 Artificial Insemination and Embryo Transfer Training - Central Asian Turkic Republics
- 2015 Embryo Transfer Training - State of India
- 2016 Artificial Insemination and Embryo Transfer Training - Thracian Balkan Turks -Greece
- 2016 Artificial Insemination and Embryo Transfer Training - Republic of Burundi
- 2020 Artificial Insemination and Embryo Transfer Training - Republic of Sudan

National Training and Courses

- Embryo Transfer Training (DSYB Afyon) 15.06.2015-19.06.2015
- Embryo Transfer Training (DSYB Afyon) 27.07.2015-31.07.2015
- Embryo Transfer Training (HAYGEM) 18.01.2016-22.01.2016
- Embryo Transfer Training (HAYGEM) 07.11.2016-14.11.2016
- Embryo Transfer and Production Training (TİGEM) 06.03.2017-24.03.2017
- Embryo Transfer and Production Training (TİGEM) 10.04.2017-28.04.2017
- USG Training in Cattle (Ankara Provincial Directorate of Agriculture and Forestry) 6-10 August 2018
- USG Training in Cattle (Ankara Provincial Directorate of Agriculture and Forestry) 13-17 August 2018
- USG Training in Cattle (Ankara Provincial Directorate of Agriculture and Forestry) 7-11 January 2019
- USG Training in Cattle (Ankara Provincial Directorate of Agriculture and Forestry) 14-18 January 2019
- Training on Experimental Animal Use / Coordination / Training / October 2016
- Training on Experimental Animal Use / Coordination / Training / November 2017
- Training on Experimental Animal Use / Coordination / Training / August 2018
- Training on Experimental Animal Use / Coordination / Training / September 2019
- Training on Experimental Animal Use / Coordination / Training / December 2021

Other Trainings Received

1. MINISTRY OF AGRICULTURE and FORESTRY / General Directorate of Food and Control / Foreign Veterinary Control Certificate in Live Animal and Meat Import / 2012
2. MINISTRY OF AGRICULTURE and FORESTRY / General Directorate of Food and Control / Food Control Officer Course / 2012
3. MINISTRY OF AGRICULTURE and FORESTRY General Directorate of Livestock / Recto-Vaginal Artificial Insemination Certificate for Cattle / 2014
4. MINISTRY OF AGRICULTURE and FORESTRY/ Livestock Central Research Institute-Animal Experiments Local Ethics Committee / Experimental animals use certificate / 2015