

## Assoc. Prof. Muhammet Ali TUNÇ

### Personal Information

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### International Researcher IDs

ScholarID: XQaci6UAAAAJ

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Yoksis Researcher ID: 43637

### Biography

I was born on 01.09.1979 in oltu district of Erzurum province. I completed my primary and secondary education in my supply. Between 1998-2003, I completed my undergraduate degree in Erzurum Ataturk University Faculty of Arts and Sciences, Department of Biology. Between 2005 and 2007, Erzurum Atatürk University, Faculty of Health Sciences, veterinary animal nutrition and nutrition diseases. I completed my master's degree. Between the years of 2007-2012, Erzurum Atatürk University Health Sciences Institute of Veterinary Animal Nutrition and Nutrition Diseases. completed my Ph.D. In 2013, I was appointed as assistant professor to the veterinary department at the Erzurum Atatürk University Narman Vocational School. I am still working as a doctoral instructor in Erzurum Atatürk University Narman Vocational School. I'm married to two kids.

### Education Information

Doctorate, Ataturk University, Veteriner Fakültesi, Hayvan Besleme Ve Beslenme Hastalıkları, Turkey 2007 - 2012

Postgraduate, Ataturk University, Veteriner Fakültesi, Hayvan Besleme Ve Beslenme Hastalıkları, Turkey 2005 - 2007

Undergraduate, Ataturk University, Fen Fakültesi, Biyoloji, Turkey 1998 - 2003

### Foreign Languages

English, B1 Intermediate

### Certificates, Courses and Trainings

Other, Deneysel hayvanlar kullanım sertifikası, Erzurum veteriner kontrol ve araştırma enstitüsü, 2009

### Dissertations

Doctorate, Süt emme dönemindeki buzağlarda humat ve probiyotiklerin performans, rumen fermantasyonu ve kan parametreleri üzerine etkisi, Atatürk Üniversitesi, Sağlık Bilimleri Enstitüsü, Hayvan Besleme Ve Beslenme Hastalıkları, 2012

Postgraduate, Humatların koyunlarda rumen parametreleri ve bazı kan değerleri üzerine etkisi, Atatürk Üniversitesi, Sağlık Bilimleri Enstitüsü, Hayvan Besleme Ve Beslenme Hastalıkları, 2007

## Research Areas

Health Sciences, Veterinary Sciences, Zootechnical and Animal Feed, Animal Nutrition and Nutritional Diseases, Ruminant

## Academic Titles / Tasks

Associate Professor, Ataturk University, Narman Meslek Yüksekokulu, Veterinerlik, 2024 - Continues

Assistant Professor, Ataturk University, Narman Meslek Yüksekokulu, Veterinerlik, 2013 - 2024

Research Assistant, Ataturk University, Veteriner Fakültesi, Zootečni ve Hayvan Besleme, 2005 - 2012

## Academic and Administrative Experience

Meslek Yüksekokulu Akademik Kurul Üyesi, Ataturk University, Narman Meslek Yüksekokulu, Veterinerlik, 2022 - Continues

Meslek Yüksekokulu Yönetim Kurulu Üyesi, Ataturk University, Narman Meslek Yüksekokulu, Veterinerlik, 2021 - Continues

Eğitim ve Müfredat Kurulu üyesi, Ataturk University, Narman Meslek Yüksekokulu, Veterinerlik, 2021 - Continues

Staj Başkanı, Ataturk University, Narman Meslek Yüksekokulu, Veterinerlik, 2019 - Continues

Head of Department, Ataturk University, 2016 - Continues

Bölüm Kalite Komisyonu Üyesi, Ataturk University, Narman Meslek Yüksekokulu, Veterinerlik, 2021 - 2021

Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Ataturk University, Narman Meslek Yüksekokulu, Veterinerlik, 2021 - 2021

Atatürk Üniversitesi, 2016 - 2017

## Courses

Kanathı Hayvan Yetiştiriciliği ve Hastalıkları, Associate Degree, 2023 - 2024, 2022 - 2023

Cattle Breeding, Associate Degree, 2022 - 2023, 2020 - 2021

General Microbiology, Associate Degree, 2022 - 2023, 2019 - 2020

Parazitoloji, Associate Degree, 2022 - 2023

General Animal Science, Associate Degree, 2023 - 2024

Animal Nutrition and Feeds Information, Associate Degree, 2022 - 2023, 2021 - 2022, 2019 - 2020

Farmakoloji, Associate Degree, 2022 - 2023

Hayvancılık İşletme Ekonomisi, Associate Degree, 2023 - 2024, 2022 - 2023

Viroloji, Associate Degree, 2023 - 2024, 2022 - 2023

Epidemics and Zoonoses, Associate Degree, 2022 - 2023, 2020 - 2021, 2019 - 2020

Genel Zootečni, Associate Degree, 2022 - 2023

Physiology, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021

Hayvansal Ürünler Teknolojisi, Associate Degree, 2022 - 2023

Fizyoloji, Associate Degree, 2022 - 2023

Genel Biyokimya, Associate Degree, 2022 - 2023

Feed Hygiene I, Postgraduate, 2021 - 2022, 2020 - 2021

Arı yetiştiriciliği ve hastalıkları, Associate Degree, 2020 - 2021, 2019 - 2020

General Biochemistry, Associate Degree, 2021 - 2022, 2020 - 2021

Livestock Business Economics, Associate Degree, 2021 - 2022, 2020 - 2021

General Animal Science, Associate Degree, 2021 - 2022

Virology, Associate Degree, 2021 - 2022, 2020 - 2021

Poultry Breeding and Diseases, Associate Degree, 2020 - 2021, 2019 - 2020

Animal Nutrition Principles I, Postgraduate, 2020 - 2021

Ruminant Besleme İlkeleri I, Postgraduate, 2019 - 2020

Clinical Applications, Associate Degree, 2019 - 2020  
Biyostatistik, Associate Degree, 2020 - 2021  
Kanathı Hayvan Hastalıkları, Associate Degree, 2018 - 2019  
Hayvan besleme ve Yemler bilgisi, Associate Degree, 2018 - 2019  
Genel Mikrobiyoloji, Associate Degree, 2018 - 2019  
Salgın Hastalıklar ve Zoonoz, Associate Degree, 2018 - 2019  
Fizyoloji, Associate Degree, 2018 - 2019  
Genel Biyokimya, Associate Degree, 2018 - 2019  
Laboratuvar Teknikleri, Associate Degree, 2018 - 2019  
Medikal Biyoloji, Associate Degree, 2018 - 2019

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

- I. **Effects of tarragon (*Artemisia dracunculus*) powder on broiler performance parameters and histopathology of internal organs**  
Tunç M. A., Yıldırım S., Yörük M. A.  
AUSTRAL JOURNAL OF VETERINARY SCIENCES, vol.51, no.3, pp.113-118, 2019 (SCI-Expanded)
- II. **The Effect of Dietary Tarragon (*Artemisia Dracunculus*) Powders in Different Levels on Carcass Characteristics and Some Internal Organ's Weight of Broiler Chickens**  
YILDIRIM F., TUNÇ M. A.  
BRAZILIAN JOURNAL OF POULTRY SCIENCE, vol.20, no.1, pp.179-182, 2018 (SCI-Expanded)
- III. **Effect of Kefir upon the Performance, Intestinal Microflora and Histopathology of Certain Organs in Laying Hens**  
YENİCE G., ÇELEBİ D., YÖRÜK M. A., Ucar O., SAĞLAM Y. S., TUNÇ M. A., ALTUN S.  
KAFKAS UNIVERSİTESİ VETERİNER FAKULTESİ DERGİSİ, vol.20, no.3, pp.363-370, 2014 (SCI-Expanded)
- IV. **Effect of organic acids in diet on laying hens' performance, egg quality indices, intestinal microflora, and small intestinal villi height**  
Gül M., Tunç M. A., Cengiz S., Yıldız A.  
EUROPEAN POULTRY SCIENCE, vol.78, 2014 (SCI-Expanded)
- V. **The Effect of Humic Acid on Rumen Parameters, Protozoa Count and Blood Parameters in Sheep**  
TUNÇ M. A., YÖRÜK M. A.  
KAFKAS UNIVERSİTESİ VETERİNER FAKULTESİ DERGİSİ, vol.18, no.1, pp.55-60, 2012 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Distribution of some important honey plants visited by honey bees for feeding purposes in Narman (Erzurum, Turkey) natural pasture vegetation**  
Cengiz M. M., Tunç M. A.  
GSC Biological and Pharmaceutical Sciences, vol.17, no.3, pp.217-222, 2021 (Peer-Reviewed Journal)
- II. **The Effect of Lichen (*Xanthoparmelia somloensis*) Added in Broiler Rations on Performance Parameters and Organ Weights**  
TUNÇ M. A., YÖRÜK M. A., ASLAN A.  
International Journal of Innovative Research and Reviews, vol.4, no.2, pp.17-22, 2020 (Peer-Reviewed Journal)
- III. **The Use of Grape Seed (*Vitis vinifera* L.) Extract as Feed Additive Against Negative Effects of Gentamycin in Broiler**  
TUNÇ M. A.  
Atatürk Üniversitesi Veteriner Bilimler Dergisi, vol.15, no.3, pp.271-278, 2020 (Scopus)
- IV. **The Effects of Supplemental Feeding with Sodium Humate on The Performance of Honey Bee Colonies (*Apis mellifera* L.)**

Tunç M. A., Cengiz M. M., Yazıcı K., Turan M.

Uludağ Arıcılık Dergisi, vol.20, no.2, pp.181-188, 2020 (Scopus)

- V. **Erzurum İli Narman İlçesi Süt Sığırcılığı İşletmelerinde Kolostrum Kullanım Alışkanlıkları Üzerine Bir Araştırma**  
TUNÇ M. A.  
Uluslararası Tarım ve Yaban Hayatı Bilimleri Dergisi, vol.5, no.2, pp.383-391, 2019 (Peer-Reviewed Journal)
- VI. **Sıcaklık Stresi Oluşturulan Broilerlerde Yeme İlave Edilen Taraxacum officinale L. (Karahindiba) ve Hypericum scabrum L. (mayasıl otu) Bitki Ekstraktlarının Performans Değerleri ile Bazı Organ ve Kan Ağırlığı Üzerine Etkileri**  
TUNÇ M. A.  
ALINTERI JOURNAL OF AGRICULTURE SCIENCES, vol.33, pp.1-6, 2018 (ESCI)
- VII. **Effects of Humate and Probiotic on the Number of Escherichia coli, Blood and Antioxidant Parameters in Suckling Period of Calves**  
TUNÇ M. A., YÖRÜK M. A.  
Asian Journal Of Animal And Veterinary Advances, vol.12, pp.169-176, 2017 (Peer-Reviewed Journal)
- VIII. **Yumurtacı Tavuklarda Kefirin Performans ve Yumurta Kalitesine Etkisi**  
Karademir G., Yörük M. A., Tunç M. A., Çelebi D.  
Atatürk Üniversitesi Veteriner Bilimleri Dergisi, vol.7, pp.177-184, 2012 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **VEGETABLE TREATMENT APPLICATIONS ON ORGANIC MILK BREEDING AND DIGESTIVE SYSTEM DISEASES**  
Tunç M. A.  
Nobel Yayın Dağıtım, Ankara, 2019

## Refereed Congress / Symposium Publications in Proceedings

- I. **DİYARBAKIR İLİ SÜT SIĞIRCILIĞI İŞLETMELERİNDE BUZAĞI KAYIPLARI VE EKONOMİK ETKİLERİ**  
Tunç M. A., Avcıoğlu Ü., Aksoy A., Bilgiç A., Aktaş M. S.  
5. INTERNATIONAL FOOD, AGRICULTURE AND VETERINARY SCIENCES CONGRESS, Kars, Turkey, 17 - 19 March 2023, pp.415-417
- II. **THE EFFECT OF PASTURE HABITS OF CATTLE IN THE NARMAN DISTRICT OF ERZURUM PROVINCE ON COLOSTRUM GAMMA-IMMUNOGLOBULIN (IgG) LEVELS**  
Tunç M. A., Apaydın Yıldırım B.  
5th International Food, Agriculture and Veterinary Sciences Congress, Kars, Turkey, 17 - 19 March 2023, pp.419-420
- III. **ERZURUM İLİ SÜT SIĞIRCILIĞI İŞLETMELERİNDE BUZAĞI KAYIPLARI VE EKONOMİK ETKİLERİ**  
AVCIOĞLU Ü., AKSOY A., BİLGİÇ A., AKTAŞ M. S., TUNÇ M. A.  
INTERNATIONAL CONFERENCE OF FOOD, AGRICULTURE, AND VETERINARY SCIENCES, Van, Turkey, 27 - 28 May 2022, pp.358-359
- IV. **EFFECTS OF ADDING DIFFERENT PROPORTIONS OF THYME (Thymus vulgaris L.) OİL İN BROILER DIETS ON PERFORMANCE PARAMETERS**  
TUNÇ M. A.  
2nd INTERNATIONAL CUKUROVA AGRICULTURE and VETERINARY CONGRESS, Adana, Turkey, 04 January 2021
- V. **Probiotic and Humate Effects on Performance Parameters in Milk Suckling Period of Calves**  
TUNÇ M. A., YÖRÜK M. A.  
INTERNATIONAL CONGRESS ON ENGINEERING AND LIFE SCIENCE, Kastamonu, Turkey, 26 April 2018
- VI. **Investigation of the Effects of Region Animal Husbandry and Economy of Neonatal Period Calf**

## **Diarrhea in Narman County of Erzurum Province**

TUNÇ M. A.

INTERNATIONAL CONGRESS ON ENGINEERING AND LIFE SCIENCE, Kastamonu, Turkey, 26 - 29 April 2018, pp.15-17

**VII. The Effect of Dietary Tarragon (*Artemisia Dracunculus*) Powders Different Levels on Carcass Characteristics and Some Internal Organs Weight of Broiler Chickens**

YILDIRIM F., TUNÇ M. A.

II. INTERNATIONAL ACADEMIC RESEARCH CONGRESS, 18 - 21 October 2017

**VIII. THE EFFECT OF DIETARY TARRAGON (*ARTEMISIA DRACUNCULUS*) POWDERS DIFFERENT LEVELS SUPPLEMENTATION ON PERFORMANSE PARAMETERS OF BROILER CHICKENS**

TUNÇ M. A., YILDIRIM F.

II. INTERNATIONAL ACADEMICRESEARCH CONGRESS, Antalya, Turkey, 18 - 21 October 2017

**IX. Organic/Conventional Poultry Production of Turkey, Its Future and Record**

CENGİZ M. M., HAŞİMOĞLU S., TUNÇ M. A.

1st International Organic Agriculture and Biodiversity Symposium, Bayburt, Turkey, 27 - 29 September 2017

**X. Some Important Honey Plant Species In Natural Rangeland Vegetations of Narman (Erzurum, Turkey) For Beekeeping And Honey Production**

CENGİZ M. M., TUNÇ M. A.

2nd International Conference on Advances in Natural and Applied Sciences, Antalya, Turkey, 18 - 21 April 2017

**XI. The Effect of Vitis Vinifera L CV Merlot Seed Extract Against on Gentamicin Induced Nephrotoxicity in Broiler**

APAYDIN YILDIRIM B., TUNÇ M. A., YILDIRIM S., YILDIRIM F., ERTEKİN A., AKTAŞ ŞENOCAK E.

3. INTERNATIONAL VETİSTANBUL GROUP CONGRESS 2016, 17 - 20 May 2016

**XII. The Effect of Rosemary *Rosemarinus officinalis* L Extract Into Broiler Diets on Performance and Blood Parameters**

APAYDIN YILDIRIM B., TUNÇ M. A., GÜL M., YILDIRIM F., YILDIZ A.

3rd INTERNATIONAL VETİSTANBUL GROUP CONGRESS 2016, 17 - 20 May 2016

**XIII. The effect of vitis vinifera l CV merlot seed against gentamicine induced nephrotoxicity in broiler.**

Apaydın Yıldırım B., Tunç M. A., Yıldırım S., Yıldırım F., Aktaş Şenocak E.

3rd International Vet İstanbul Group Congress, Sarajevo, Bosnia And Herzegovina, 17 - 20 May 2016, pp.73

**XIV. Effects of different levels of kefir upon the relationships between digestive microbiological and pathological traits and their consequences on reproduction in laying hens a preliminary report**

YENİCE G., ÇELEBİ D., YÖRÜK M. A., UÇAR Ö., SAĞLAM Y. S., TUNÇ M. A., ALTUN S.

45th Annual Conference of Physiology and Pathology of Reproduction, 37th Joint Conference on Veterinary and Human Reproductive Medicine and 1st Joint German-Polish Conference on Reproductive Medicine, 29 February - 02 March 2012, vol.47, pp.30

## **Supported Projects**

Tunç M. A., Avcıoğlu Ü., Aktaş M. S., Aksoy A., Bilgiç A., TAGEM Tarımsal Araştırmalar ve Politikalar Genel Müdürlüğü Projesi, Calf Losses in Dairy Cattle Farms and Their Effects on Country Economy, 2021 - 2022

TUNÇ M. A., URÇAR GELEN S., APAYDIN YILDIRIM B., ÇİFTGÜL E., Project Supported by Higher Education Institutions, Erzurum İli Narman İlçesi Bölgesindeki Sığırların Beslenme Alışkanlıklarının Kolostrum Kalitesi Üzerine Etkisinin Belirlenmesi, 2020 - 2022

TUNÇ M. A., KARACA S., ÇOBAN İ. C., GÜL Z. N., KARA A., Project Supported by Higher Education Institutions, Bu Günün Üniversiteleri Yarının Üniversiteleri ile Tanışıyor, 2019 - 2020

TUNÇ M. A., GÖKKAYA S., GÜL Z. N., KARA A., Project Supported by Higher Education Institutions, Mutlu Öğretmenler Mutlu Öğrenciler Demek, 2019 - 2020

TUNÇ M. A., DEMİR Ş., AKTÜRK E. D., GÖKKAYA S., GÜLALİ M., DEMİRCİ İ., ÖZTÜRK M., KARABIYIK A., Project Supported by Higher Education Institutions, Narman Kariyer Günleri, 2019 - 2020

APAYDIN YILDIRIM B., YILDIRIM S., YILDIRIM F., TUNÇ M. A., Project Supported by Higher Education Institutions, BROİLERLERDE GENTAMİSİNLE OLUŞTURULAN NEFROTOKSİSİTE ÜZERİNE ÜZÜM ÇEKİRDEĞİ EKSTRASININ ETKİSİ, 2012 - 2013

## **Scientific Refereeing**

Project Supported by Higher Education Institutions, BAP Research Project, Van Yüzüncü Yil University, Turkey, December 2022

Atatürk Üniversitesi Ziraat fakültesi Dergisi, National Scientific Refreed Journal, November 2016

## **Metrics**

Publication: 28

Citation (WoS): 13

Citation (Scopus): 20

H-Index (WoS): 3

H-Index (Scopus): 3

## **Congress and Symposium Activities**

2ND. INTERNATIONAL CUKUROVA AGRICULTURE AND VETERINARY CONGRESS , Attendee, Adana, Turkey, 2021

International Congress on Engineering and Life Science, Attendee, Kastamonu, Turkey, 2018

International Academic Research Congress, Attendee, Antalya, Turkey, 2017

I. Uluslararası Organik Tarım ve Biyoçeşitlilik, Attendee, Bayburt, Turkey, 2017

International Conference on Advances in Natural and Applied Sciences, Attendee, Antalya, Turkey, 2017

3. International Vetistanbul Group Congress, Attendee, Sarajevo, Bosnia And Herzegovina, 2016

5. Ulusal veteriner Gıda Hijyeni Kongresi, Attendee, Antalya, Turkey, 2013

II. Ulusal Veteriner Zootekni Kongresi, Attendee, Erzurum, Turkey, 2008

## **Representation and Promotion Activities**

Institutional Representation, Cattle Breeding, Nutrition and Animal Diseases Education, Turkey, Erzurum, 2021 - 2021