

## Asst. Prof. Mustafa Üstündağ

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: IAN-6779-2023

Yoksis Researcher ID: 390333

### Education

Doctorate, Mersin University, Institute Of Science, Biotechnology, Turkey 2014 - 2022

Postgraduate, Mersin University, Institute Of Science, Fisheries Science, Turkey 2009 - 2013

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, Isolation and characterization of bacteriophage of bacterial cold water disease Flavobacterium psychrophilum, Mersin University, Institute Of Science, Biotechnology, 2022

Postgraduate, Effects of different tank colours on growth performance of rainbow trout (*Oncorhynchus mykiss* Walbaum, 1792) fry, Mersin University, Institute Of Science, Fisheries Science, 2013

### Research Areas

Bacteriology, Virology, Biotechnology and Genetics, Aquaculture, Aquatic Diseases, Biotechnology, Microbial Biotechnology

### Academic Positions

Assistant Professor, Van Yüzüncü Yıl University, Muradiye Meslek Yüksekokulu, Kimya ve Kimyasal İşletme Teknolojileri Bölümü, 2023 - Continues

### Journal articles indexed in SCI, SSCI, and AHCI

- I. Effect of different tank colors on growth performance of rainbow trout juvenile (*Oncorhynchus*

**mykiss Walbaum, 1792)** Farklı tank renklerinin gökkuşağı alabalığı (*Oncorhynchus mykiss* Walbaum, 1792) yavrularının büyümeye performansı üzerine etkisi

Üstündağ M., Rad F.

Tarım Bilimleri Dergisi, vol.21, no.1, pp.144-151, 2015 (SCI-Expanded)

## Articles Published in Other Journals

- I. **The influence of chronic supply of vanadium compounds on organ weights and body mass in animal diabetes model (NZO)**  
Krośniak M., Szklarzewicz J., Ryszard G., Barbara T., YILDIRIM M., Şahin B., YÜKSEK N. D., ÜSTÜNDAĞ M. Science, Technology and Innovation, vol.4, 2019 (Peer-Reviewed Journal)
- II. **PRELIMINARY INVESTIGATION ON MORPHOMETRIC AND BIOMETRIC CHARACTERISTICS OF FEMALE SILVER AND YELLOW, *Anguilla anguilla*, FROM EASTERN MEDITERRANEAN (GÖKSU DELTA/TURKEY)**  
RAD F., BARIŞ M., BOZAOĞLU A. S., TEMEL G., ÜSTÜNDAĞ M.  
Journal of FisheriesSciences.com, vol.7, no.3, pp.253-265, 2013 (Peer-Reviewed Journal)

## Books

- I. **BALIKLarda BAĞIŞIKLIK SİSTEMİ VE BAKTERİYOFAJLARIN BAĞIŞIKLIK SİSTEMİNÉ ETKİLERİ**  
ÜSTÜNDAĞ M.  
in: ZİRAAT, ORMAN VE SU ÜRÜNLERİ ALANINDA AKADEMİK ÇALIŞMALAR III, EREN ABDULLAH, ŞENTÜRK DEMİREL DİLEK, Editor, iksad publishing house, Ankara, pp.113-132, 2024
- II. **APPLICATIONS OF BLUE BIOTECHNOLOGY IN HUMAN HEALTH**  
ÜSTÜNDAĞ M.  
in: Innovations in Sustainable Agriculture and Aquatic Sciences, TOLON Mustafa Tolga, YÜCEL Banu, Editor, Akademisyen Kitabevi AŞ, Ankara, pp.59-71, 2024
- III. **Tek Sağlık Yaklaşımı ve Faj Terapsi**  
ÜSTÜNDAĞ M.  
in: Tek Sağlık Kavramı, Ümit Karakaş, Umut İrfan Üçel, Editor, İstanbul Tıp itabevi, İstanbul, pp.140-157, 2023

## Papers Presented at Peer-Reviewed Scientific Conferences

- I. **ISOLATION OF VIBRIO ANGUILLARUM PHAGE**  
ÜSTÜNDAĞ M.  
5. BİLSEL INTERNATIONAL TRUVA SCIENTIFIC RESEARCHES AND INNOVATION CONGRESS, Çanakkale, Turkey, 2 - 03 November 2024, pp.120-129, (Full Text)
- II. **USE OF ARTFICIAL INTELLIGENCE APPLICATIONS IN BACTERIOPHAGES RESEARCH**  
ÜSTÜNDAĞ M.  
1. INTERNATIONAL COLOSSEUM SCIENTIFIC RESEARCHES AND INNOVATION CONGRESS, 13-14, OCTOBER, ITALY, ROMA, Italy, 13 - 14 October 2024, pp.407-418, (Full Text)
- III. **MACROSCOPIC AND MICROSCOPIC MORPHOLOGIES OF CHRYSEOBACTERIUM SPECIES**  
ÜSTÜNDAĞ M.  
1. INTERNATIONAL PARIS SCIENTIFIC RESEARCHES AND INNOVATION CONGRESS, Paris, France, 3 - 04 October 2024, pp.120-127, (Full Text)
- IV. **THE ROLE OF BACTERIOPHAGES IN BIOTECHNOLOGICAL DRUG DELIVERY SYSTEMS**  
ÜSTÜNDAĞ M.  
6TH INTERNATIONAL BLACK SEA MODERN SCIENTIFIC RESEARCH CONGRESS, Trabzon, Turkey, 23 - 25 August 2024, pp.764-772, (Full Text)

- V. **ISOLATION AND DETERMINATION OF THE GENOME SIZES OF THE BACTERIOPHAGE OF BACTERIAL COLD WATER DISEASE, FLAVOBACTERIUM PSYCHROPHILUM**  
ÜSTÜNDAĞ M., ÜNALDI CORAL M. N., CORAL G., YILMAZ Ş. N.  
4th International Black Sea Modern Scientific Research Congress, Rize, Turkey, 06 June 2023, pp.503-504, (Summary Text)
- VI. **THE ONE HEALTH APPROACH AND PHAGE THERAPY**  
ÜSTÜNDAĞ M.  
1. INTERNATIONAL TRAKYA SCIENTIFIC RESEARCH CONGRESS, Edirne, Turkey, 27 May 2023, (Summary Text)
- VII. **Doğal alabalık üretilmesi ve ormanıç suların balıklandırılması projesi: Çamliyayla Bahçe Alabalık Üretim İstasyonu ve balıklandırma çalışmaları**  
ÜSTÜNDAĞ M.  
6. ULUSAL ALABALIK SEMPOZYUMU, Isparta, Turkey, 15 September 2022, (Summary Text)
- VIII. **Isolation and Characterization of Bacteriophage of Bacterial Cold Water Disease Flavobacterium psychrophilum**  
ÜSTÜNDAĞ M., ÜNALDI CORAL M. N., CORAL G., YILMAZ Ş. N.  
Euro Asia 10th. International Congress on Applied Sciences, Ankara, Turkey, 07 August 2022, (Summary Text)
- IX. **Red-Spotted Trout Production, And Fish Releasing In Inland Waters At Forest Areas Under The Project Monitoring And Control: Mersin- Çamliyayla.**  
ÜSTÜNDAĞ M., ŞEN AĞILKAYA G.  
Agro International Conference On Agriculture, GANJA, Azerbaijan, 04 June 2022, (Summary Text)
- X. **Morphological Characteristics And Reproductive Performance Of Salmo platycephalus (Bhenke, 1968) Population In Seyhan River, Zamanti Stream (Kayseri)**  
ÜSTÜNDAĞ M., ŞEN AĞILKAYA G.  
Agro International Conference On Agriculture, GANJA, Azerbaijan, 04 June 2022, (Summary Text)
- XI. **Evaluation of the Incubation Performance of the Brown Trout (Salmo macrostigma, Duméril, 1858) In Culture Conditions in Business Admisitration Perspective**  
ÜSTÜNDAĞ M., ŞEN İ.  
3rd National/1st International Workshop On Gamete Biology In Aquaculture, Hatay, Turkey, 19 - 21 September 2018, (Summary Text)
- XII. **Balık Aşlarının Türk Farmakopesinde Yer Almasının Önemi ve Monograf Çalışması**  
ÜSTÜNDAĞ M., ŞAHİN N. Ö.  
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 April 2017, pp.909, (Summary Text)
- XIII. **Su Ürünlerinin Farmasötik Biyoteknolojide Kullanımı**  
ÜSTÜNDAĞ M., ŞAHİN N. Ö.  
IVEK 2ND INTERNATIONAL CONVENTION OF PHARMACEUTICALS AND PHARMACIES, İstanbul, Turkey, 27 November 2015, pp.294, (Summary Text)
- XIV. **Enzim Replasman Tedavisinde Kullanılmak Üzere Pankreatin Boncuklarının Hazırlanması ve Karakterizasyonu**  
Ektiren S., ŞAHİN N. Ö., ÜSTÜNDAĞ M., DOĞAN ÇALHAN S.  
IVEK 2ND INTERNATIONAL CONVENTION OF PHARMACEUTICALS AND PHARMACIES, İstanbul, Turkey, 27 November 2015, pp.290, (Summary Text)
- XV. **How The Organic Derivatives of Vanadium Affect The Level of Glutathione in The NZO Mouse Liver**  
Francik R., YILDIRIM M., YÜKSEK N. D., ÜSTÜNDAĞ M., Ryszard G., Krośniak M., ŞAHİN N. Ö.  
International Gazi Pharma Symposium Series, Antalya, Turkey, 12 November 2015, pp.141, (Summary Text)
- XVI. **Influence Of New Vanadium Organic Ligands on Glutathione and Sh Group Concentration in NZO Mice Liver**  
YILDIRIM M., YÜKSEK N. D., Şahin B., ÜSTÜNDAĞ M., Krosniak A. W., Francik R., Krośniak M.  
THE XXIV INTERNATIONAL SYMPOSIUM MOLECULER AND PHYSIOLOGICAL ASPECTS OF REGULATORY PROCESSES OF THE ORGANISM, Krakow, Poland, 25 September 2015, pp.103-98, (Full Text)
- XVII. **Farklı Tank Renklerinin Gökkuşağı Alabalığı (*Oncorhynchus mykiss* Walbaum, 1792) Yavrularının**

**Büyüme Performansı Üzerine Etkisi**

ÜSTÜNDAĞ M., RAD F.

International Symposium on Fisheries and Aquatic Sciences, Erzurum, Turkey, 30 May - 01 June 2013, (Summary Text)

**XVIII. Tüm Yıl Boyunca Gökkuşağı Alabalığı Yumurtası Üretimi**

BAYRAK H., ÜSTÜNDAĞ M., Gündoğ A., Büyüktufan B., Kahraman S., KUBİLAY A.

1. Ulusal Alabalık Sempozyumu, Isparta, Turkey, 14 October 2008, pp.104, (Summary Text)

**Funded Projects**

Üstündağ M., Ünalı Çoral M., Project Supported by Higher Education Institutions, Bakteriyel Soğuk Su Hastalığı Etkeni Flavobacterium psychrophilum Bakteriyofajının İzolasyonu ve Karakterizasyonu, 2020 - 2024

**Peer Reviews in Scientific Publications**

JOURNAL OF ANATOLIAN ENVIRONMENTAL AND ANIMAL SCIENCES, National Scientific Refreed Journal, November 2023