

Assoc. Prof. Miray ONAN

Personal Information

Office Phone: [+90 212 455 5700](tel:+902124555700) Extension: 20356

Fax Phone: [+90 212 528 0527](tel:+902125280527)

Email: ustuntrk@istanbul.edu.tr

Web: <http://www.istanbul.edu.tr/fen/biy/personelakafen.php?id=335>

Address: İstanbul Üniversitesi Fen Fakültesi Biyoloji Bölümü 34134 Vezneciler, İstanbul



International Researcher IDs

ORCID: 0000-0003-4317-8266

Publons / Web Of Science ResearcherID: AAC-4750-2020

Yoksis Researcher ID: 40049

Education Information

Doctorate, Istanbul University, Fen Bilimleri, Temel Ve Endüstriyel Mikrobiyoloji Programı, Turkey 2009 - 2014

Postgraduate, Istanbul University, Fen Bilimleri, Genel Biyoloji Programı, Turkey 2005 - 2009

Undergraduate, Istanbul University, Faculty Of Science, Biyoloji, Turkey 2001 - 2005

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Education Management and Planning, Eğiticinin Eğitimi, İstanbul Üniversitesi, 2019

Education Management and Planning, Yenilikçi Girişimci Eğitim Programı, İstanbul Üniversitesi, 2018

Education Management and Planning, Çevre Bilimleri Alanında Ar-Ge Projesi Hazırlama Eğitimi, Düzce Üniversitesi, 2013

Education Management and Planning, Protein Mühendisliği, Ege Üniversitesi ve Atatürk Üniversitesi, 2007

Dissertations

Doctorate, KONTAKT LENS DEZENFEKTAN SOLÜSYONLARININ ANTİMİKROBİYAL ETKİNLİKLERİNİN ARAŞTIRILMASI, Istanbul University, Institute of Graduate Studies In Sciences, Biyoloji, 2014

Postgraduate, Kontakt Lens Kullanan Kişilerin Lens Kaplarında ve Ev Musluk Sularında Mikrobiyal Kontaminasyonun Araştırılması, Istanbul University, Institute of Graduate Studies In Sciences, Biyoloji-Genel Biyoloji, 2009

Research Areas

Life Sciences, Microbiology, Bacteriology, Parasitology, Natural Sciences

Academic Titles / Tasks

Associate Professor, Istanbul University, Faculty of Science, Department of Biology, 2022 - Continues
Assistant Professor, Istanbul University, Faculty of Science, Department of Biology, 2020 - 2022
Research Assistant PhD, Istanbul University, Faculty of Science, Department of Biology, 2014 - 2020
Research Assistant, Istanbul University, Faculty of Science, Department of Biology, 2009 - 2014

Courses

Serbest Yaşayan Amiplerin Moleküler Yöntemlerle Tanımlanması, Postgraduate, 2021 - 2022
BAKTERİ GENETİĞİ, Undergraduate, 2020 - 2021
MİKROBİYOLOJİ ARAŞTIRMALARI II, Undergraduate, 2020 - 2021
TOPRAK MİKROBİYOLOJİSİ, Undergraduate, 2020 - 2021
LEGİONELLA PNEUMOPHİLA'NIN MOLEKÜLER YÖNTEMLERLE TİPLENDİRİLMESİ, Postgraduate, 2020 - 2021
Viroloji, Undergraduate, 2020 - 2021
MİKROBİYOLOJİ ARAŞTIRMALARI I, Undergraduate, 2020 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Isolation and Identification of a Manganese-Oxidizing Bacterium from Produced Water: Growth and Manganese-Oxidation Ability of Bacillus zhangzhouensis in Different Manganese Concentrations**
Ou-yahia D., Üstüntürk-Onan M., İlhan-Sungur E.
Arabian Journal for Science and Engineering, vol.49, no.1, pp.67-75, 2024 (SCI-Expanded)
- II. **Occurrence of sulfate-reducing bacteria in well water: identification of anaerobic sulfidogenic bacterial enrichment cultures**
Ustunturk-Onan M., Tuccar T., İlhan-Sungur E.
Journal of Water and Health, 2024 (SCI-Expanded)
- III. **Isolation and identification of free-living amoebae isolated from well water in Istanbul**
ustunturk-Onan M.
JOURNAL OF WATER AND HEALTH, vol.18, no.6, pp.1139-1145, 2020 (SCI-Expanded)
- IV. **Identification of free-living amoebae isolated from tap water in Istanbul, Turkey**
Ustunturk-Onan M., Walochnik J.
EXPERIMENTAL PARASITOLOGY, vol.195, pp.34-37, 2018 (SCI-Expanded)
- V. **The Effect of Short-Term Drying on Biofilm Formed in a Model Water Distribution System**
Ustunturk-Onan M., Hoca S., İlhan-Sungur E.
MICROBIOLOGY, vol.87, no.6, pp.857-864, 2018 (SCI-Expanded)
- VI. **Occurrence of Aerobic and Anaerobic Bacteria in the Consumer End of a Water Distribution System**
Hoca S., Ustunturk-Onan M., İlhan-Sungur E.
WATER ENVIRONMENT RESEARCH, vol.89, no.7, pp.598-605, 2017 (SCI-Expanded)
- VII. **UNNOTICED MICROORGANISMS IN DISINFECTION OF SWIMMING POOLS: FREE- LIVING AMOEBEA**
Zeybek Z., Demir B., Ustunturk-Onan M.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, pp.36-42, 2017 (SCI-Expanded)
- VIII. **Acanthamoeba and other free-living amoebae in bat guano, an extreme habitat**
Mulec J., DIETERSDORFER E., Ustunturk-Onan M., WALOCHNIK J.
PARASITOLOGY RESEARCH, vol.115, no.4, pp.1375-1383, 2016 (SCI-Expanded)
- IX. **EVALUATION OF ANTIBACTERIAL ACTIVITY OF SOME PLANT METHANOLIC EXTRACTS**
Artun F. T., Karagoz A., Zeybek Z., Ustunturk-Onan M., Melikoglu G., Anil S., Kultur S.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.25, no.12, pp.5419-5423, 2016 (SCI-Expanded)
- X. **Amoebicidal efficacy of a novel multi-purpose disinfecting solution: First findings**

Ustunturk M., Zeybek Z.

EXPERIMENTAL PARASITOLOGY, vol.145, 2014 (SCI-Expanded)

XI. Microbial contamination of contact lens storage cases and domestic tap water of contact lens wearers

Ustunturk M., Zeybek Z.

WIENER KLINISCHE WOCHENSCHRIFT, vol.124, pp.17-22, 2012 (SCI-Expanded)

Articles Published in Other Journals

I. Antibiotic susceptibilities of Gram-negative bacteria isolated from contact lens storage cases of asymptomatic wearers

Onan M.

Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.23, no.1, pp.22-29, 2021 (Peer-Reviewed Journal)

II. Kontakt Lens Solüsyonlarının Klinik Örneklerden İzole Edilen Bakterilere Karşı Etkisi

ONAN M.

Trakya University Journal of Natural Sciences, no.18, pp.163-166, 2017 (Scopus)

III. Morphological Characteristics and Growth Abilities of Free Living Amoeba Isolated From Domestic Tap Water Samples in İstanbul

ZEYBEK Z., ÜSTÜNTÜRK M., Binay A. R.

IUFS JOURNAL OF BIOLOGY, no.69, pp.17-23, 2010 (Peer-Reviewed Journal)

Books & Book Chapters

I. Stainless steel alloys, Case History 02.08.03.002

Sungur E., Onan M., Kadaifçiler D.

in: Corrosion Atlas Series, Corrosion Atlas Case Studies 2023 Edition, , Fuad Khoshnaw, Editor, Elsevier Science, Oxford/Amsterdam , Oxford, pp.63-64, 2023

II. Stainless steel alloys, Case History 02.08.03.001

Sungur E., Kadaifçiler D., Onan M.

in: Corrosion Atlas Series, Corrosion Atlas Case Studies 2023 Edition, Fuad Khoshnaw, Editor, Elsevier Science, Oxford/Amsterdam , Oxford, pp.62-63, 2023

III. Corrosion Atlas Case Studies 2023 Edition

Sungur E., Kadaifçiler D., Onan M.

in: Corrosion Atlas Series, Corrosion Atlas Case Studies 2023 Edition, Fuad Khoshnaw, Editor, Elsevier Science, Oxford/Amsterdam , Oxford, pp.1-124, 2023

Refereed Congress / Symposium Publications in Proceedings

I. INVESTIGATION OF BACTERIAL CONTAMINATION OF INDOOR AIR AT THE SÜLEYMANIYE MANUSCRIPT LIBRARY

Öztürk B. N., Onan M., Uygun M., Şengül E.

INCOHIS 2024, İstanbul, Turkey, 11 - 12 May 2024, pp.47

II. Determination of Manganese Oxidizing Bacteria in Aircraft Fuel

Arkan-Özdemir S., Onan M., Sungur E.

EUROCORR2022, Berlin, Germany, 28 August - 01 September 2022, pp.1

III. Synergetic antibacterial effect of three major components against the manganese oxidizing bacterium Bacillus sp. using the mixture design approach

Ou-Yahia D., Ouedrhiri W., Onan M., Fikri-Benbrahim K., Ibnsouda Koraichi S., Sungur E.

Biotech , Fas, Morocco, 27 - 29 February 2020, pp.120

- IV. **Determination of Culturable Free-Living Amoebae in the Biofilm in Formation Process**
ONAN M., Ünsal T., SUNGUR E.
6th Ecology and Evolutionary Biology Symposium, Ankara, Turkey, 10 - 12 July 2019, pp.35
- V. **The efficacy of silver-copper ions on the viability of biofilm-associated free-living amoebae**
ONAN M., Ünsal T., SUNGUR E.
38th Meeting of the German Society of Protozoology, Viyana, Austria, 20 - 22 February 2019, pp.97
- VI. **EFFICACY OF CONTACT LENS DISINFECTING SOLUTIONS AGAINST VARIOUS BACTERIA STRAINS**
Üstüntürk Onan M., ZEYBEK Z., ONAN M.
1st International Symposium on Graduate Research in Science., İstanbul, Turkey, 4 - 06 October 2018, pp.124
- VII. **Effectiveness of Novel Contact Lens Disinfectants in Turkey against Trophozoites of Acanthamoeba spp. isolated from Swimming Pools**
ONAN M.
International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 26 - 27 April 2018, pp.718
- VIII. **Investigation of Free Living Amoebae from Produced Water Samples in Turkey: A Preliminary Study**
ONAN M.
International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 26 - 27 April 2018, pp.349
- IX. **Kontakt lens dezenfektan solüsyonlarının Acanthamoeba castellanii suşu üzerine etkinliğinin araştırılması**
ONAN M.
20. Ulusal Parazitoloji Kongresi, Eskişehir, Turkey, 25 September - 29 December 2017, pp.318
- X. **Yüzme havuzlarının dezenfeksiyonunda gözden kaçan mikroorganizmalar: özgür yaşayan amipler**
ZEYBEK Z., Demir B., ONAN M.
20. Ulusal Parazitoloji Kongresi, Eskişehir, Turkey, 25 - 29 September 2017, pp.550
- XI. **Identification of free-living amoebae isolated from tap water in Istanbul, Turkey**
ONAN M., Walochnik J.
XVII International Meeting on the Biology and Pathogenicity of Free-living Amoebae, Djerba-Zarzis, Tunisia, 11 - 15 April 2017, pp.76
- XII. **Co-Existence of Sulphate Reducing Bacteria and Aerobic Heterotrophic Bacteria in Biofilm Formed in a Model Water Distribution System**
ONAN M., Hoca S., SUNGUR E.
MEWE2016, Kopenhag, Denmark, 4 - 07 September 2016, pp.170-171
- XIII. **Efficacy of Biotrue™ multi-purpose solution against Acanthamoeba strains**
ONAN M., ZEYBEK Z.
49th Annual Meeting of the Austrian Society of Tropical Medicine, Parasitology and Migration Medicine, Viyana, Austria, 12 - 14 November 2015, pp.27
- XIV. **Çeşitli Kontakt Lens Dezenfektan Solüsyonlarının Standart ve Çevresel Bakteriler Üzerine Etkileri**
ÜSTÜNTÜRK M., ZEYBEK Z.
22.Ulusal Biyoloji Kongresi, Eskişehir, Turkey, 23 - 27 June 2014, pp.1612
- XV. **Free - living amoebae in bat guano from karst caves**
Mulec J., Dietersdorfer E., ÜSTÜNTÜRK M., Walochnik J.
15th International Meeting on the Biology and Pathogenicity of Free-Living Amoebae, Austria, 1 - 04 July 2013, pp.134
- XVI. **AMOEBICIDAL EFFICACY OF A NOVEL MULTI-PURPOSE DISINFECTING SOLUTION: FIRST FINDINGS**
ÜSTÜNTÜRK M., ZEYBEK Z.
15th International Meeting on the Biology and Pathogenicity of Free-Living Amoebae, Austria, 1 - 04 July 2013, pp.143
- XVII. **Microbial Contamination of Contact Lens Storage Cases and Domestic Tap Waters**
Üstüntürk M., ZEYBEK Z., Walochnik J.
45th Annual Meeting of the Austrian Society of Tropical Medicine and Parasitology, Austria, 1 - 04 November 2011, pp.62

- XVIII. **İstanbul'da Musluk Sularındaki Bakterilerin Özgür Yaşayan Amipler İçerisinde Üreme Durumları**
ZEYBEK Z., Binay A. R., ÜSTÜNTÜRK M.
20.Ulusal Biyoloji Kongresi, Denizli, Turkey, 1 - 04 June 2010, pp.981-982
- XIX. **İstanbul'daki Dış Ünite Su Sistemlerinde Özgür Yaşayan Amiplerin Araştırılması**
Üstüntürk M., ZEYBEK Z., Doğruöz N., Göksey D., KADAİFÇİLER D., DOĞRUÖZ GÜNGÖR N.
Uluslararası Katılımlı 20.Ulusal Biyoloji Kongresi, Denizli, Turkey, 1 - 04 June 2010, pp.976-977
- XX. **Investigation Of The Survival Term Of Legionella Pneumophila In Different Media And Temperatures**
ZEYBEK Z., ÜSTÜNTÜRK M.
2.International Participated Entomopathogens and Microbial Control Symposium, Muğla, Turkey, 1 - 04 September 2009, pp.56-57
- XXI. **Investigation Of Free Living Amoeba In Contact Lens Storage Cases And Domestic Tap Waters**
ÜSTÜNTÜRK M., ZEYBEK Z.
2.International Participated Entomopathogens and Microbial Control Symposium, Muğla, Turkey, 1 - 04 September 2009, pp.92-93
- XXII. **Kontakt Lens Saklama Kaplarında ve Ev Musluk Sularında Mikrobiyal Kontaminasyonun Araştırılması**
ÜSTÜNTÜRK M., ZEYBEK Z., İSKELELİ M. G.
19. Ulusal Biyoloji Kongresi, Trabzon, Turkey, pp.117-118

Supported Projects

- ONAN M., ŞENGÜL E., ÖZTÜRK B. N., UYGUN M., Project Supported by Higher Education Institutions, Süleymaniye Yazma Eser Kütüphanesi İç Ortam Havaasının Bakteriyel Kontaminasyonunun Araştırılması, 2023 - 2024
- Onan M., Sungur E., Project Supported by Higher Education Institutions, Petrol üretim suyu örneklerinde aerobik heterotrofik bakterilerin ve mangan okside eden bakterilerin araştırılması, 2021 - 2022
- ONAN M., ÜNSAL T., SUNGUR E., Project Supported by Higher Education Institutions, Biyofilmdeki Özgür Yaşayan Amiplere Gümüş-Bakır İyonlarının Etkisinin Araştırılması, 2018 - 2020
- ONAN M., SUNGUR E., ÜNSAL T., Project Supported by Higher Education Institutions, Biyofilmin Oluşum Sürecinde Yer Alan Kültüre Edilebilir Özgür Yaşayan Amiplerin Tespit Edilmesi, 2019 - 2019
- SUNGUR E., ONAN M., DOĞRUÖZ GÜNGÖR N., ONAN M., CANSEVER N., HOCA S., Project Supported by Higher Education Institutions, N80 Çeliğinin Petrol Su Fazında Korozyon Davranışı, 2018 - 2019
- ONAN M., WALOCHNIK J., Project Supported by Higher Education Institutions, Musluk sularından izole edilen özgür yaşayan amiplerin tanımlanması, 2016 - 2017
- ONAN M., Project Supported by Higher Education Institutions, Efficacy of Biotrue™ multi-purpose solution against Acanthamoeba strains, 2015 - 2017
- ONAN M., Project Supported by Higher Education Institutions, Kontakt lens solüsyonlarının hastane kökenli bakteriler üzerine etkisi, 2016 - 2016
- ONAN M., Project Supported by Higher Education Institutions, Kontakt lens dezenfektan solüsyonlarının Acanthamoeba castellanii suşu üzerine etkinliğinin araştırılması, 2016 - 2016
- SUNGUR E., HOCA S., ONAN M., Project Supported by Higher Education Institutions, CoExistence of Sulphate Reducing Bacteria and Aerobic Heterotrophic Bacteria in Biofilm Formed in a Model Water Distribution System, 2016 - 2016
- ONAN M., Project Supported by Higher Education Institutions, Protozoonların model su sirkülasyon sistem örneklerinden moleküler yöntemlerle araştırılması, 2015 - 2016
- ONAN M., Project Supported by Higher Education Institutions, Kontakt lens dezenfektan solüsyonlarının yüzme havuzlarından izole edilen Acanthamoeba spp.'ye karşı etkinliğinin araştırılması, 2015 - 2016
- ZEYBEK Z., ONAN M., Project Supported by Higher Education Institutions, Kontakt Lens Dezenfektan Solüsyonlarının Antimikrobiyal Etkinliklerinin Araştırılması, 2012 - 2015
- ZEYBEK Z., ONAN M., Project Supported by Higher Education Institutions, Standart Mikroorganizmalar Karşısında Bazı Kontakt Lens Solüsyonlarının Etkilerinin Araştırılması, 2012 - 2014
- Onan M., Zeybek Z., Project Supported by Higher Education Institutions, INVESTIGATION OF MICROBIAL CONTAMINATION IN LENS STORAGE CASES AND DOMESTIC TAP WATERS FROM CONTACT LENS WEARERS, 2006 -

2009

Student Project

R & D Project, Süleymaniye Yazma Eser Kütüphanesi İç Ortam Havaasının Bakteriyel Kontaminasyonunun Araştırılması, Istanbul University, Faculty Of Science, Department Of Biology, Turkey, 2023 - Continues

Memberships / Tasks in Scientific Organizations

Türk Mikrobiyoloji Cemiyeti, Member, 2011 - Continues

Scientific Refereeing

Letters in Applied Microbiology, SCI Journal, September 2017

Eye & Contact Lens , SCI Journal, May 2015

Scientific Research / Working Group Memberships

Escmid Study Group For Legionella Infections, European Society of Clinical Microbiology and Infectious Diseases, Switzerland, https://www.escmid.org/research_projects/study_groups/legionella_infections/, 2012 - 2013

Metrics

Publication: 39

Citation (WoS): 71

Citation (Scopus): 86

H-Index (WoS): 4

H-Index (Scopus): 5

Congress and Symposium Activities

6th Ecology and Evolutionary Biology Symposium, Attendee, Ankara, Turkey, 2019

38th Meeting of the German Society of Protozoology, Attendee, Vienna, Austria, 2019

1st International Symposium on Graduate Research in Science, Attendee, İstanbul, Turkey, 2018

International Eurasian Conference on Biological and Chemical Sciences, Attendee, Ankara, Turkey, 2018

20. Ulusal Parazitoloji Kongresi, Attendee, Eskişehir, Turkey, 2017

49th Annual Meeting of the Austrian Society of Tropical Medicine, Parasitology and Migration Medicine, Attendee, Wien, Austria, 2015

22.Ulusal Biyoloji Kongresi, Attendee, Eskişehir, Turkey, 2014

15th International Meeting on the Biology and Pathogenicity of Free-Living Amoebae, Attendee, Viyana, Austria, 2013

45th Annual Meeting of the Austrian Society of Tropical Medicine and Parasitology, Attendee, Viyana, Austria, 2011

20.Ulusal Biyoloji Kongresi, Attendee, Denizli, Turkey, 2010

2.International Participated Entomopathogens and Microbial Control Symposium, Attendee, Muğla, Turkey, 2009

19. Ulusal Biyoloji Kongresi, Attendee, Trabzon, Turkey, 2008

18th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), Attendee, Barcelona, Spain, 2008

Ulusal Çevre Sempozyumu, Attendee, Mersin, Turkey, 2007

16th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), Attendee, Nice, France, 2006

Scholarships

ERASMUS, Other International Organizations, 2011 - 2012

Awards

ONAN M., Yayın Ödülü, İstanbul Üniversitesi Bilimsel Araştırma Projeleri Koordinasyon Birimi, İ.Ü BAP, May 2014

ONAN M., Poster ödülü, 15th International Meeting on the Biology and Pathogenicity of Free-Living Amoebae, July 2013

Non Academic Experience

Medical University of Vienna