

Prof. İrfan TÜRETGEN

Personal Information

Office Phone: [+90 212 455 5700](tel:+902124555700) Extension: 20315

Fax Phone: [+90 212 519 0834](tel:+902125190834)

Email: turetgen@istanbul.edu.tr

Web: <https://avesis.istanbul.edu.tr/turetgen>

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

International Researcher IDs

ScholarID: WJwo8MwAAAAJ

ORCID: 0000-0002-7866-1007

Publons / Web Of Science ResearcherID: D-8149-2012

ScopusID: 8589352500

Yoksis Researcher ID: 37409

Education Information

Doctorate, Istanbul University, Fen Bilimleri, Biyoloji, Turkey 2001 - 2005

Postgraduate, Istanbul University, Fen Bilimleri, Mikrobiyoloji, Turkey 1995 - 1998

Undergraduate, Istanbul University, Faculty Of Science, Biyoloji, Turkey 1991 - 1995

Foreign Languages

English, C1 Advanced

German, C1 Advanced

Certificates, Courses and Trainings

Vocational Course, UCI Coaching Education, Union Cycliste Internationale, 2021

Health&Medicine, World Anti-Doping Agency, Dünya Dopingle Mücadele Ajansı, 2021

Dissertations

Postgraduate, Soğutma Kulelerinin Suyunda Legionella Cinsi Bakterilerin Araştırılması, Istanbul University, Institute of Graduate Studies In Sciences, Mikrobiyoloji, 2008

Doctorate, Su Sistemlerinde Mikrobiyal Biyofilm Oluşumunun İncelenmesi , Istanbul University, Fen Bilimleri, Biyoloji, 2005

Research Areas

Sports Sciences and Technology, Environmental Engineering, Environmental Sciences, Environmental Microbiology, Life Sciences, Microbiology, Bacteriology, Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Professor, Marmara University, Faculty Of Sport Sciences, Sport Coaching, 2021 - Continues
Professor, Istanbul University, Faculty of Science, Department of Biology, 2016 - Continues
Associate Professor, Istanbul University, Faculty of Science, Department of Biology, 2010 - 2016
Assistant Professor, Istanbul University, Faculty of Science, Department of Biology, 2007 - 2010
Research Assistant, Istanbul University, Faculty of Science, Department of Biology, 1995 - 2007

Courses

Özel Antrenman Bilgisi I-II-III-IV, Undergraduate, 2022 - 2023
Bisiklet Uzmanlık Dalı Temel Eğitim Evresi, Undergraduate, 2021 - 2022
Uzmanlık Dalı Teknik Taktik I-II-III-IV, Undergraduate, 2021 - 2022
Antimikrobiyal Ajanlar ve Dezenfeksiyon, Postgraduate, 2018 - 2019, 2015 - 2016, 2014 - 2015, 2013 - 2014
Mikrobiyal Fizyoloji, Doctorate, 2018 - 2019, 2014 - 2015
Antimikrobiyal Ajanlar ve Dezenfeksiyon, Postgraduate, 2017 - 2018, 2016 - 2017
Mikroorganizma Metabolizması, Undergraduate, 2018 - 2019, 2017 - 2018, 2015 - 2016, 2014 - 2015, 2013 - 2014
Bakteri Genetiği, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014
Mikoloji, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014
Biyoteknolojiye Giriş, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014
İmmünolojik Yöntemler, Postgraduate, 2015 - 2016, 2014 - 2015
İmmünoloji, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014
İmmünolojik Yöntemler, Postgraduate, 2014 - 2015
Bakteri Genetiği, Undergraduate, 2012 - 2013
Biyoteknolojiye Giriş, Undergraduate, 2012 - 2013
Mikrobiyal Fizyoloji, Doctorate, 2012 - 2013
Antimikrobiyal Ajanlar ve Dezenfeksiyon, Postgraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009
İmmünoloji, Undergraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011
Mikroorganizma Metabolizması, Undergraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008
Bakteri Genetiği, Undergraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008
İmmünolojik Yöntemler, Postgraduate, 2012 - 2013, 2011 - 2012

Advising Theses

Türetgen İ., Bacterial biofilm and FtsZ inhibition by phytochemicals, Doctorate, T.Naushad(Student), 2023
TÜRETGEN İ., Nanoteknolojik Dezenfektanların Etkinliği ve Biyofilm Üzerine Etkisi, Postgraduate, G.İşıklı(Student), 2017
TÜRETGEN İ., Yüzeylerde oluşturulmuş biyofilm tabakası üzerine etkili olan çeşitli parametrelerin farklı metotlarla araştırılması, Doctorate, C.Vatansever(Student), 2017
TÜRETGEN İ., Nanoteknolojik Dezenfektanların Farklı Fiziksel ve Kimyasal Koşullarda Etkinliğinin İncelenmesi, Postgraduate, B.Nur(Student), 2015
TÜRETGEN İ., Mikrobiyal Biyofilm Tabakası Üzerine Farklı Fiziksel ve Kimyasal Etkenlerin İncelenmesi, Postgraduate, C.Vatansever(Student), 2011
TÜRETGEN İ., Şebeke Suyu İle Beslenen Model Boru Sisteminde Mikrobiyal Biyofilm Gelişiminin İzlenmesi, Postgraduate, D.Baş(Student), 2010

Jury Memberships

Doctorate, Doktora tez savunma, İpek Ada, İstanbul Üniversitesi, July, 2019
Post Graduate, Tez savunma, İstanbul Üniversitesi, May, 2018
Doctoral Examination, Doktora Yeterlik, İstanbul Üniversitesi, January, 2018
Doctorate, Doktora savunma, İstanbul University Fen Fakültesi, March, 2017
Appointment to Academic Staff-Professorship, Atama, Gebze Teknik Üniversitesi, January, 2017
Post Graduate, Yüksek Lisans, Marmara Üniversitesi, October, 2016
Post Graduate, Yüksek Lisans, Marmara Üniversitesi, September, 2016
Doctorate, Doktora savunma, Flinders University, October, 2014
Post Graduate, Tez savunma, İstanbul Üniversitesi, December, 2013
Post Graduate, Tez Savunma, İstanbul Üniversitesi, June, 2013
Doctoral Examination, Doktora Yeterlik, İstanbul Üniversitesi, June, 2013
Post Graduate, Tez Savunma Sınavı, İstanbul Üniversitesi, May, 2012
Appointment to Academic Staff-Assistant Professorship, Araş. Gör. alımı, İstanbul Üniversitesi, January, 2012
Doctorate, Tez Savunma Sınavı, İstanbul Üniversitesi, January, 2012
Doctorate, Off shore jüri üyeliği, Flinders University, August, 2011
Post Graduate, Tez Savunma Sınavı, İstanbul Üniversitesi, June, 2011
Doctoral Examination, Doktora Yeterlik, İstanbul Üniversitesi, February, 2011
Doctorate, Tez Savunma Sınavı, İstanbul Üniversitesi, December, 2010
Post Graduate, Tez Savunma Sınavı, İstanbul Üniversitesi, August, 2010
Post Graduate, Tez Savunma Sınavı, İstanbul Üniversitesi, June, 2010
Post Graduate, Tez Savunma Sınavı, İstanbul Üniversitesi, February, 2010
Post Graduate, Tez Savunma Sınavı, İstanbul Üniversitesi, June, 2008

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Investigation of the effects of various stress factors on biofilms and planktonic bacteria in cooling tower model system**
Vatansever C., TÜRETGEN İ.
ARCHIVES OF MICROBIOLOGY, vol.203, no.4, pp.1411-1425, 2021 (SCI-Expanded)
- II. **Breaking Down Barriers and Borrowing from Biology**
Sturgeon T., Yan Y., Zhu R., Li S., Biggs G. S., Klein O. J., Boss S. R., Barker P. D., TÜRETGEN İ., Haskew M. J., et al.
JOHNSON MATTHEY TECHNOLOGY REVIEW, vol.64, no.4, 2020 (SCI-Expanded)
- III. **Reduction of Biofilm Formation on Cooling Tower Heat Exchangers using Nano-silica Coating Environmentally sustainable antifouling coating demonstrated on stainless steel heat exchanger tubes**
TÜRETGEN İ.
JOHNSON MATTHEY TECHNOLOGY REVIEW, vol.64, no.4, pp.419-424, 2020 (SCI-Expanded)
- IV. **The Efficacy of Nano Silver Sulfadiazine and Nano Benzalkonium Chloride on Heterotrophic Biofilms**
Turetgen I., Vatansever C.
MICROBIOLOGY, vol.88, no.1, pp.94-99, 2019 (SCI-Expanded)
- V. **Nanoteknolojik dezenfektanların heterotrofik biyofilmler üzerine etkisi**
Yavuz G., TÜRETGEN İ.
Türk Hijyen ve Deneysel Biyoloji Dergisi, vol.75, no.4, pp.323-332, 2018 (SCI-Expanded)
- VI. **Investigating the effects of different physical and chemical stress factors on microbial biofilm**
Vatansever C., Turetgen I.
WATER SA, vol.44, no.2, pp.308-317, 2018 (SCI-Expanded)
- VII. **Reduction of microbial biofilm formation using hydrophobic nano-silica coating on cooling tower fill material**
Turetgen I.
WATER SA, vol.41, no.3, pp.295-299, 2015 (SCI-Expanded)

- VIII. **Survival of Biofilm-Associated Legionella pneumophila Exposed to Various Stressors**
Vatansever C., Turetgen I.
WATER ENVIRONMENT RESEARCH, vol.87, no.3, pp.227-232, 2015 (SCI-Expanded)
- IX. **Microbial biofilm formation on soybean oil based polymers**
ÇAYLI G., TÜRETGEN İ.
IUPS Journal of Biology, vol.71, no.1, pp.53-62, 2012 (SCI-Expanded)
- X. **Evaluation of microbial contamination and distribution of sulphate-reducing bacteria in dental units**
Dogruoz N., Ilhan-Sungur E., Goksay D., Turetgen İ.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.184, no.1, pp.133-139, 2012 (SCI-Expanded)
- XI. **Biofilm formation comparison of the SANIPACKING (R) cooling tower fill material against standard polypropylene fill material in a recirculating model water system**
Turetgen I., Yurudu N. Ö., Norden I.
TURKISH JOURNAL OF BIOLOGY, vol.36, no.3, pp.313-318, 2012 (SCI-Expanded)
- XII. **Role of single-celled organisms in mucilage formation on the shores of Buyukada Island (the Marmara Sea)**
Balkis N., Atabay H., Turetgen I., Albayrak S., Balkis H., Tüfekçi V.
JOURNAL OF THE MARINE BIOLOGICAL ASSOCIATION OF THE UNITED KINGDOM, vol.91, pp.771-781, 2011 (SCI-Expanded)
- XIII. **Monitoring and disinfection of biofilm-associated sulfate reducing bacteria on different substrata in a simulated recirculating cooling tower system**
Sungur E., Turetgen I., Javaherdashti R., Cotuk A.
TURKISH JOURNAL OF BIOLOGY, vol.34, no.4, pp.389-397, 2010 (SCI-Expanded)
- XIV. **Comparison of the microbial load of incoming and distal outlet waters from dental unit water systems in Istanbul**
Turetgen I., Goksay D., Cotuk A.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.158, pp.9-14, 2009 (SCI-Expanded)
- XV. **Profiling of environmental Legionella pneumophila strains by randomly amplified polymorphic DNA method isolated from geographically nearby buildings**
Zeybek Z., Turetgen I., Erdem A., Filoglu G., Cotuk A.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.149, pp.323-327, 2009 (SCI-Expanded)
- XVI. **Induction of Viable but Nonculturable (VBNC) state and the effect of multiple subculturing on the survival of Legionella pneumophila strains in the presence of monochloramine**
Turetgen I.
ANNALS OF MICROBIOLOGY, vol.58, no.1, pp.153-156, 2008 (SCI-Expanded)
- XVII. **Monitoring of biofilm-associated Legionella pneumophila on different substrata in model cooling tower system**
Turetgen I., Cotuk A.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.125, pp.271-279, 2007 (SCI-Expanded)
- XVIII. **Effects of short-time drying on biofilm-associated bacteria**
Turetgen I., Ilhan-Sungur E., Cotuk A.
ANNALS OF MICROBIOLOGY, vol.57, no.2, pp.277-280, 2007 (SCI-Expanded)
- XIX. **Enumeration of Legionella pneumophila in cooling tower water systems**
Turetgen I., Sungur E., Cotuk A.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.100, pp.53-58, 2005 (SCI-Expanded)
- XX. **Comparison of the efficacy of free residual chlorine and monochloramine against biofilms in model and full scale cooling towers**
Turetgen I.
BIOFOULING, vol.20, no.2, pp.81-85, 2004 (SCI-Expanded)

Articles Published in Other Journals

- I. **Legionella surveillance in stagnant water systems during COVID-19 lockdown in Istanbul**
TÜRETGEN İ.
Malaysian Journal of Microbiology, vol.17, no.6, pp.720-724, 2021 (ESCI)
- II. **Comparison of the Anti-Legionella Fill Material against Standard Polypropylene Fill Material in Model Cooling Tower Water System**
Türetgen İ., Vatansever C.
European Journal of Biology, vol.79, no.1, pp.62-66, 2020 (Peer-Reviewed Journal)
- III. **The efficacy of nanotechnological disinfectants on heterotrophic biofilms Nanoteknolojik dezenfektanların heterotrofik biyofilmler üzerine etkisi**
Yavuz G., TÜRETGEN İ.
Turk Hijyen ve Deneysel Biyoloji Dergisi, vol.75, no.4, pp.323-332, 2018 (Scopus)
- IV. **Investigation of Heterotrophic Bacteria, Legionella and Free - Living Amoeba in Cooling Tower Samples by FISH and culture methods**
Zeybek Z., Doğruöz Güngör N., Türetgen İ.
European Journal of Biology, vol.76, pp.7-13, 2017 (Peer-Reviewed Journal)
- V. **Nano Gümüş Sülfadiazin ve Nano Benzalkonyum Klorür Dezenfektanlarının Planktonik Bakterilere ve Biyofilm Tabakasına Etkinliğinin İncelenmesi**
Çetinel B., TÜRETGEN İ.
İğdir Üni. Fen Bilimleri Enst. Der, vol.7, no.3, pp.79-85, 2017 (Peer-Reviewed Journal)
- VI. **Kısa Süreli Kuruluk ve Sıcaklık Değişiminin Şebeke Suyuyla Beslenen Model Su Borusu Sistemindeki Mikrobiyal Biyofilm Oluşumuna Etkisi**
Baş D., TÜRETGEN İ.
Türk Mikrobiyol Cem Derg, vol.41, no.4, pp.155-161, 2011 (Peer-Reviewed Journal)
- VII. **Microbiological Analysis of Biofilm Communities from the Surfaces of Different Cooling Tower Materials**
Erdem A., Şanlı Yürüdü N. Ö., Arslan E. Ö., Doğruöz Güngör N., Zeybek Z., Türetgen İ., Çotuk A.
Istanbul University Faculty of Science Journal of Biology, vol.67, no.1, pp.9-16, 2008 (Peer-Reviewed Journal)
- VIII. **Quantitative microbiological analysis of biofilm communities from the surfaces of different cooling tower materials**
KİMİRAN ERDEM A., ŞANLI YÜRÜDÜ N., ARSLAN AYDOĞDU E. Ö., DOĞRUÖZ N., ZEYBEK Z., TÜRETGEN İ., ÇOTUK A., DOĞRUÖZ GÜNGÖR N.
IUFS JOURNAL OF BIOLOGY, vol.67, no.1, pp.9-16, 2008 (Peer-Reviewed Journal)
- IX. **Su Şebeke Sistemlerinde Mikrobiyal Biyofilm Tabakası**
TÜRETGEN İ.
Tesisat Mühendisliği Dergisi, vol.92, pp.29-32, 2006 (Peer-Reviewed Journal)
- X. **Farklı binaların su sistemlerinde Legionella pneumophila izolasyonu**
Çotuk A., Zeybek Z., Erdem A., Türetgen İ., Kalac Y.
KÜKEM Dergisi, vol.21, no.3, pp.7-12, 1998 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Antimicrobial Drugs: Possibilities from Medicinal Plants Part B—Antifungals**
Naushad T., Türetgen İ., Shiburaj S.
in: Conservation and Sustainable Utilization of Bioresources , Sukumaran,Keerthi T R, Editor, Springer, London/Berlin , Berlin, pp.569-579, 2023
- II. **Efficacy of Monochloramine Against Surface- Associated Legionella Pneumophila in Cooling Tower Model System**
TÜRETGEN İ., ÇOTUK A.

Refereed Congress / Symposium Publications in Proceedings

- I. **Antibiofilm Activity of Essential Oil from Etingera elatior Inflorescence against Streptococcus pyogenes**
Naushad T., Türetgen İ.
Indo-USA International Conference on Application of Nanotechnology in Bioogy, Biotechnology and Biopharmaceuticals, Thiruvananthapuram, India, 11 - 12 August 2022, pp.1-2
- II. **Antibiofilm Activity of Essential Oil from Etingera elatior Inflorescence against Acinetobacter baumannii**
Naushad T., Türetgen İ., Sugathan S.
International Conference on SUSTAINABLE UTILIZATION OF BIORESOURCES, Thiruvananthapuram, India, 10 - 15 January 2022, pp.34-38
- III. **Investigation the effects of various stress factors on Legionella pneumophila in biofilm layer**
TÜRETGEN İ., Vatansever C.
9. Legionella Konferansı, Roma, Italy, 26 - 30 September 2017
- IV. **Comparison of FISH and Culture Methods in the Examine of Heterotrophic Bacteria, Legionella Bacteria and Free - Living Amoeba in Cooling Tower Waters and Biofilm Samples**
Zeybek Z., Dođruöz Güngör N., Türetgen İ.
9. Legionella Konferansı, Rome, Italy, 26 - 30 September 2017
- V. **Comparison of the Anti-Legionella Fill Material against Standard Polypropylene Fill Material in Recirculating**
TÜRETGEN İ., Vatansever C., Dobrita D.
9. Legionella Konferansı, Roma, Italy, 26 - 30 September 2017
- VI. **Comparison of FISH and Culture Methods in the Examine of Heterotrophic Bacteria, Legionella Bacteria and Free - Living Amoeba in Cooling Tower Waters and Biofilm Samples**
ZEYBEK Z., DOĐRUÖZ GÜNGÖR N., TÜRETGEN İ.
9. Legionella Konferansı, Roma, Italy, 26 - 30 September 2017
- VII. **THE EFFECTS OF NANO SILVER SULFADIAZINE AND NANO BENZALKONIUM CHLORIDE ON VARIOUS PLANKTONIC AND BIOFILM BACTERIA**
TÜRETGEN İ.
ISTEC 2016, Viyana, Austria, 10 - 15 July 2016, pp.1
- VIII. **Reduction of microbial biofilm formation using hydrophobic nano-silica coating on cooling tower fill material**
TÜRETGEN İ.
6th Congress of European Microbiologists (FEMS), Amsterdam, Netherlands, 1 - 03 April 2015, pp.22
- IX. **Nanopartiküllerin Bakterisidal Etkisi**
Bay B. N., TÜRETGEN İ.
22. Ulusal Biyoloji Kongresi, Eskişehir, Turkey, 23 - 27 June 2014, pp.1385
- X. **Legionella pneumophila Biyofilmi Üzerine Nano ve Klasik Dezenfektanların Etkilerinin İncelenmesi**
VATANSEVER C., TÜRETGEN İ.
22. Ulusal Biyoloji Kongresi, Eskişehir, Turkey, 23 - 27 June 2014, pp.1509
- XI. **Farklı Bakterilerin Meydana Getirdiđi Biyofilm Tabakaları Üzerine Çeşitli Alkollerin Etkilerinin İncelenmesi**
VATANSEVER C., TÜRETGEN İ.
22. Ulusal Biyoloji Kongresi, Eskişehir, Turkey, 23 - 27 June 2014, pp.1390
- XII. **Nanoteknolojik Dezenfektanların Etkinliđi ve Biyofilm Üzerine Etkisi**
Işıklı G., TÜRETGEN İ.

22. Uusal Biyoloji Kongresi, Eskişehir, Turkey, 23 - 27 June 2014, pp.1472
- XIII. **The Effects Of Alcohols And Disinfectants Against Surface-Associated Bacteria**
VATANSEVER C., TÜRETGEN İ.
5th Congress of European Microbiologists (FEMS), Germany, 1 - 04 July 2013, pp.9-10
- XIV. **Surveillance of Legionella pneumophila in man-made water systems**
TÜRETGEN İ., Halis A. N.
5th Congress of European Microbiologists (FEMS), Germany, 1 - 04 July 2013, pp.0-1
- XV. **Farklı Stres Etkenlerine Maruz Bırakılan Pseudomonas Aeruginosa ve ÖlÜ Bakterilerin Yapışmasının İncelenmesi**
VATANSEVER C., TÜRETGEN İ.
21. Ulusal Biyoloji Kongresi, İzmir, Turkey, 1 - 04 September 2012, pp.1304-1305
- XVI. **FARKLI STRES ETKENLERİNE MARUZ BIRAKILAN PSEUDOMONAS AERUGINOSA VE ÖLÜ BAKTERİLERİN YÜZEYE YAPIŞMA DURUMUNUN İNCELENMESİ**
VATANSEVER C., TÜRETGEN İ.
21. Ulusal Biyoloji Kongresi, İzmir, Turkey, 1 - 04 June 2012, pp.37
- XVII. **Mikrobiyal Biyofilm Tabakası Üzerine Çeşitli Fiziksel ve Kimyasal Etkenlerin İncelenmesi**
VATANSEVER C., TÜRETGEN İ.
20. Ulusal Biyoloji Kongresi, Denizli, Turkey, 1 - 04 June 2010, pp.890-891
- XVIII. **Biyofilm Tabakası Üzerine Çeşitli Fiziksel ve Kimyasal Etkenlerin İncelenmesi**
VATANSEVER C., TÜRETGEN İ.
20. Ulusal Biyoloji Kongresi, Denizli, Turkey, 1 - 04 June 2010, pp.7-8
- XIX. **Comparison of the SANIPACKING® Cooling Tower Fill Material against Standard Polypropylene Fill Material in Recirculating Model Water System.**
TÜRETGEN İ., ŞANLI YÜRÜDÜ N. Ö., Norden I.
Legionella 2009, France, 1 - 04 October 2009, pp.261
- XX. **Monochloramine efficacy on biofilms in a model water distribution pipe rig**
ŞANLI YÜRÜDÜ N. Ö., SUNGUR E., TÜRETGEN İ., ÇOTUK A., DOĞRUÖZ GÜNGÖR N.
Legionella 2009, France, 1 - 04 October 2009
- XXI. **Büyükada Kıyılarında (Marmara Denizi) Gözlenen Musilaj Oluşumunda Tek Hücreli Canlıların Rolü**
Balkıs N., Atabay H., Türetgen İ., Albayrak S., Balkıs H., Tüfekçi V.
XV. Ulusal Su Ürünleri Sempozyumu, Rize, Turkey, 1 - 04 July 2009, pp.76
- XXII. **Microbiological risk assessment and preventive actions in bakery and beverage industries in Estonia, Slovenia and Turkey**
Baş D., Baysal A. H. D., Ehavald H., Eroglu E., Filip S., KÖKSAL ÇAKIRLAR F., Marin M., Perne G., TÜRETGEN İ., Weiss M., et al.
Risk Assessment of Microbial Problems and Preventive Actions in Food Industry - 2nd Open Seminar Arranged by SAFOODNET - Food Safety and Hygiene Networking Within New Member States and Associated Candidate Countries; FP6-022808-2006, İstanbul, Turkey, 22 - 23 October 2007, pp.149-166
- XXIII. **Dental Ünitelerde Legionella Bakterilerinin Araştırılması**
TÜRETGEN İ., KADAİFÇİLER D., ÇOTUK A.
19. Ulusal Biyoloji Kongresi, Trabzon, Turkey, 1 - 04 June 2008
- XXIV. **Comparison of the microbial load of incoming and distal outlet water from dental unit water systems**
TÜRETGEN İ., KADAİFÇİLER D., ÇOTUK A.
18th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), Spain, 1 - 04 April 2008
- XXV. **Isolation of sulfate reducing bacteria from dental unit waterlines**
DOĞRUÖZ GÜNGÖR N., SUNGUR E., KADAİFÇİLER D., TÜRETGEN İ., ÇOTUK A.
18th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), Spain, 1 - 04 April 2008
- XXVI. **ental ünitelere giren ve çıkan suyun mikrobiyolojik açıdan karşılaştırılması**
TÜRETGEN İ., KADAİFÇİLER D., ÇOTUK A.
22. ANKEM Klinikler ve Tıp Bilimleri Kongresi, Antalya, Turkey, 1 - 04 June 2007
- XXVII. **Paslanmaz Çelik Yüzeylerde Biyofilm İle İlişkili Sülfat İndirgeyen Bakteriler**

- SUNGUR E., TÜRETGEN İ., ÇOTUK A.
Ulusal Çevre Sempozyumu, Mersin, Turkey, 1 - 04 April 2007
- XXVIII. **Biofilm communities on different construction materials**
ERDEM A., ARSLAN E. Ö., DOĞRUÖZ GÜNGÖR N., ZEYBEK Z., ŞANLI YÜRÜDÜ N. Ö., TÜRETGEN İ., ÇOTUK A.
16th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), France, 1 - 04 April 2006
- XXIX. **"Mechanism And Effects Of Biofilm Formation On Fat-Based Materials**
TÜRETGEN İ., ÇAYLI G.
European Congress of Clinical Microbiology and Infectious Diseases, Nice, France, 1 - 04 April 2006, vol.1, no.1, pp.9
- XXX. **Biofilm-Associated Anaerobic Sulphate Reducing Bacteria On Galvanized Steel Surfaces**
TÜRETGEN İ., SUNGUR E., ÇOTUK A.
16th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), France, 1 - 04 April 2006
- XXXI. **Efficacy of monochloramine against surface-associated Legionella pneumophila in a cooling tower model system**
Turetgen I., Cotuk A.
6th International Conference on Legionella, Illinois, United States Of America, 16 - 20 October 2005, pp.529-531
- XXXII. **Efficacy of Monochloramine Against Surface-Associated Legionella pneumophila in Cooling Tower Model System**
TÜRETGEN İ., ÇOTUK A.
6. International Conference on Legionella, United States Of America, 1 - 04 October 2005
- XXXIII. **Formation of Bacterial Biofilms in Model Recirculating Water System**
TÜRETGEN İ., ÇOTUK A.
4. Uluslararası EMMM (Environmental Micropaleontology, Microbiology and Meiobenthology) Kongresi, Turkey, 1 - 04 May 2005, vol.2, no.1, pp.136-142
- XXXIV. **Biyofilme İlişkili Legionella pneumophila Bakterisinin Model Soğutma Kulesi Su Sistemindeki Ekolojisi**
TÜRETGEN İ., ÇOTUK A.
20. ANKEM Klinikler ve Tıp Bilimleri Kongresi, Antalya, Turkey, 1 - 04 May 2005
- XXXV. **Effect of Desiccation on Biofilm-Associated Bacteria**
TÜRETGEN İ., SUNGUR E., ÇOTUK A.
15th European Congress of Clinical Microbiology and Infectious Disease, Denmark, 1 - 04 April 2005
- XXXVI. **Effect of Short-Time Desiccation on Biofilm-Associated Bacteria**
TÜRETGEN İ., SUNGUR E., ÇOTUK A.
15. ECCMID (European Congress of Clinical Microbiology and Infectious Diseases) Kongresi, Denmark, 1 - 04 March 2005, pp.11
- XXXVII. **Soğutma Kulesi Su Sistemlerinde Legionella pneumophila Cinsi Bakteriler Bakımından Değerlendirilmesi,**
SUNGUR E., TÜRETGEN İ., ÇOTUK A.
XVII. Ulusal Biyoloji Kongresi, Adana, Turkey, 1 - 04 June 2004
- XXXVIII. **Sampling and Evaluation of Legionella pneumophila in Cooling Tower Water Systems**
TÜRETGEN İ., SUNGUR E., ÇOTUK A.
12th European Congress of Clinical Microbiology and Infectious Diseases, Italy, 1 - 04 April 2002
- XXXIX. **Soğutma Kulelerinde Legionella Cinsi Bakterilerin İncelenmesi**
TÜRETGEN İ., ÇOTUK A.
III. Ulusal Ekoloji ve Çevre Kongresi, Kırşehir, Turkey, 1 - 04 September 1997
- XL. **Midye Hemolenfinin Antibakteriyel Etkisi**
ÇOTUK A., Mısırhoğlu S., Kalac Y., TÜRETGEN İ.
13. Ulusal Biyoloji Kongresi, İstanbul, Turkey, 1 - 04 September 1996

Supported Projects

- TÜRETGEN İ., Project Supported by Higher Education Institutions, Endüstriyel Su Sistemlerinde Isı Değiştiriciler Üzerinde Biyofilm Oluşumunun İncelenmesi, 2018 - 2019
- TÜRETGEN İ., VATANSEVER C., Project Supported by Higher Education Institutions, Biyofilm Tabakasına Uygulanan Çeşitli Stres Faktörlerinin Bakteriler Üzerindeki Etkilerinin İncelenmesi, 2013 - 2017
- TÜRETGEN İ., IŞIKLI G., Project Supported by Higher Education Institutions, Nanoteknolojik Dezenfektanların Etkinliği ve Biyofilm Üzerine Etkisi, 2013 - 2017
- TÜRETGEN İ., Project Supported by Higher Education Institutions, YENİ NESİL NANOTEKNOLOJİK DEZENFEKTANLARIN ETKİNLİĞİNİN İNCELENMESİ, 2015 - 2016
- TÜRETGEN İ., Project Supported by Higher Education Institutions, Nanoteknolojik Dezenfektanların Farklı Fiziksel ve Kimyasal Koşullarda Etkinliğinin İncelenmesi, 2013 - 2015
- TÜRETGEN İ., Project Supported by Higher Education Institutions, Nanoteknolojik Benzalkonyum Klorür ve Gümüş Sülfadiazinin Planktonik ve Biyofilm Halindeki Çeşitli Bakteriler Üzerindeki Etkisi, 2013 - 2015
- TÜRETGEN İ., Project Supported by Higher Education Institutions, Surveillance of Legionella pneumophila in man-made water systems, 2013 - 2013
- TÜRETGEN İ., Project Supported by Higher Education Institutions, Mikrobiyal Biyofilm Tabakası Üzerine Farklı Fiziksel ve Kimyasal Etkenlerin İncelenmesi, 2010 - 2011
- TÜRETGEN İ., Project Supported by Higher Education Institutions, Model Sistemde Geliştirilen Biyofilm Tabakası Üzerine Farklı Fiziksel ve Kimyasal Etkenlerin İncelenmesi, 2010 - 2010
- TÜRETGEN İ., Project Supported by Higher Education Institutions, Şebeke Suyu ile Beslenen Biyofilm Reaktöründe Cam Yüzeylerde Biyofilm Oluşma Sürecinin Belirlenmesi, 2009 - 2010
- TÜRETGEN İ., Project Supported by Higher Education Institutions, ŞEBEKE SUYU İLE BESLENEN MODEL BORU SİSTEMİNDE MİKROBİYAL BİYOFİLM GELİŞİMİNİN İZLENMESİ, 2008 - 2010
- TÜRETGEN İ., Project Supported by Higher Education Institutions, Comparison of the SANIPACKING® Cooling Tower Fill Material against Standard Polypropylene Fill Material in Recirculating Model Water System, 2009 - 2009
- TÜRETGEN İ., Project Supported by Higher Education Institutions, Comparison of the Microbial Load of Incoming and Distal Outlet Water from the Dental Unit Water Systems, 2008 - 2008

Patent

- Türetgen İ., NANO SİLİKA KAPLAMA İLE SU SİSTEMLERİNDE BİYOFİLM OLUŞUMUNUN AZALTILMASI, Patent, CHAPTER B Implementation of Operations; Transport, The Invention Registration Number: 2014 16307 , Standard Registration, 2018

Memberships / Tasks in Scientific Organizations

- ESCMID Study Group for Legionella Infections, Member, 2011 - Continues
- Biyoteknoloji ve Genetik Mühendisliği Uygulama ve Araştırma Merkezi (BİYOGEM), Consultant, 2009 - Continues
- Doğal Zenginlikleri Araştırma ve Uygulama Merkezi (DOZEM), Consultant, 2007 - Continues
- The International Water Association (IWA), Member, 2006 - Continues
- American Society of Microbiology, Member, 2004 - Continues
- Biyologlar Derneği, Member, 1997 - Continues
- Türk Mikrobiyoloji Cemiyeti, Member, 1996 - Continues

Scientific Refereeing

- Water SA, SCI Journal, April 2019

Environmental Monitoring and Assessment, SCI Journal, February 2019
Water Science, SCI Journal, November 2018
World Journal of Microbiology & Biotechnology, SCI Journal, August 2018
Project Supported by Higher Education Institutions, June 2018
Project Supported by Higher Education Institutions, June 2018
Project Supported by Higher Education Institutions, July 2017
Microbial Ecology, SCI Journal, March 2017
Microbial Biotechnology, SCI Journal, March 2016
Microbial Ecology, SCI Journal, September 2015
Microbial Ecology, SCI Journal, April 2015
Saudi Dental Journal, SCI Journal, April 2014
Journal of Basic Microbiology, SCI Journal, March 2013
Water Research, SCI Journal, November 2012
Turkish Journal of Biology, SCI Journal, August 2012
Wiener Klinische Wochenschrift, SCI Journal, July 2012
IUFS Journal of Biology, Other Indexed Journal, July 2012
World Journal of Microbiology & Biotechnology, SCI Journal, November 2011
Microbial Ecology, SCI Journal, August 2011
IUFS Journal of Biology, Other Indexed Journal, May 2011
Microbial Biotechnology, SCI Journal, April 2011
IUFS Journal of Biology, Other Indexed Journal, October 2010
Microbial Ecology, SCI Journal, August 2010
IUFS Journal of Biology, Other Indexed Journal, September 2009
Journal of Infection, SCI Journal, May 2009
Environmental Monitoring and Assessment, SCI Journal, January 2009
Environmental Monitoring and Assessment, SCI Journal, January 2009
Microbial Ecology, SCI Journal, September 2008
Microbial Ecology, SCI Journal, October 2007
Water Research, SCI Journal, September 2007
Microbial Ecology, SCI Journal, April 2006

Scientific Consultations

Bilim Laboratuvarları, Scientific Consultancy, Istanbul University, Faculty Of Science, Department of Biology, Turkey, 2017 - Continues
Arteky, Scientific Consultancy, Istanbul University, Faculty Of Science, Department of Biology, Turkey, 2017 - 2017
Deren Kimya, Scientific Consultancy, Istanbul University, Faculty Of Science, Department of Biology, Turkey, 2005 - 2005

Scientific Research / Working Group Memberships

European Study Group for Legionella Infections, ESCMID, Germany, http://www.escmid.org/research_projects/study_groups/legionella_infections/, 2012 - Continues
WEESCMID Study Group for Biofilms, ESCMID, Switzerland, <http://www.myeventsrl.it/biofilms/>, 2010 - Continues

Metrics

Publication: 72
Citation (WoS): 422

Citation (Scopus): 439

H-Index (WoS): 9

H-Index (Scopus): 10

Congress and Symposium Activities

9TH INTERNATIONAL CONFERENCE ON LEGIONELLA, Attendee, Rome, Italy, 2017

ISTEC 2016, Attendee, Wien, Austria, 2016

6th Congress of European Microbiologists (FEMS), Attendee, Amsterdam, Netherlands, 2015

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

5th Congress of European Microbiologists (FEMS), Attendee, Germany, 2013

21. Ulusal Biyoloji Kongresi, Attendee, İzmir, Turkey, 2012

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

Legionella Conference, Attendee, France, 2009

15. Su Ürünleri Sempozyumu, Attendee, Rize, Turkey, 2009

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

18th European Congress of Clinical Microbiology and Infectious Diseases, Attendee, Turkey, 2008

22. ANKEM Klinikler ve Tıp Bilimleri Kongresi, Attendee, Antalya, Turkey, 2007

Ulusal Çevre Sempozyumu, Attendee, Turkey, 2007

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

6. Uluslararası Legionella Konferansı (6th International Conference on Legionella), Attendee, Chicago, United States Of America, 2005

20. ANKEM Klinikler ve Tıp Bilimleri Kongresi, Attendee, Antalya, Turkey, 2005

15. ECCMID (European Congress of Clinical Microbiology and Infectious Diseases) Kongresi, Attendee, Kopenhagen, Denmark, 2005

4. Uluslararası EMMM (Environmental Micropaleontology, Microbiology and Meiobenthology) Kongresi, Attendee, Isparta, Turkey, 2004

17. Ulusal Biyoloji Kongresi, Attendee, Adana, Turkey, 2004

12. ECCMID (European Congress of Clinical Microbiology and Infectious Diseases) Kongresi, Attendee, Milano, Italy, 2002

3. Ulusal Ekoloji ve Çevre Kongresi, Attendee, Kırşehir, Turkey, 1997

13. Ulusal Biyoloji Kongresi, Attendee, İstanbul, Turkey, 1996

Scholarships

RAS UK 2007, Other International Organizations, 2007 - 2009

Misafir Araştırmacı Bursu, Other International Organizations, 1998 - 1999

Coaching Duties

Professional Team, Muhtelif, 2019 - Continues

Non Academic Experience

İstanbul Üniversitesi Fen Fakültesi

Viyana Üniversitesi