

Asst. Prof. MEHZAT ALTUN

Personal Information

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International Researcher IDs

ORCID: 0000-0001-7363-5056

Yoksis Researcher ID: 187776

Education

Doctorate, Canakkale Onsekiz Mart University, Lisansüstü Eğitim Enstitüsü, Fen Edebiyat Fakültesi Biyoloji Bölümü, Turkey 2013 - 2019

Postgraduate, Kahramanmaraş Sutcu Imam University, Institute Of Health Sciences, Tıbbi Biyokimya, Turkey 2009 - 2012

Undergraduate, Istanbul University, Fen Edebiyat Fakültesi, Biyoloji Bölümü, Turkey 1996 - 1999

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Health&Medicine, Deney Hayvanları Kullanım Sertifikası, Çanakkale Onsekiz Mart Üniversitesi HADYEK, 2021

Dissertations

Doctorate, Tonsillofarenjitli Hastalardan İzole Edilen Streptococcus pyogenes Suşlarının Tanılanması, Antibiyotik Direnç Profilleri ile emm ve Ekzotoksin Genlerinin Tespiti, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Fen Edebiyat Fakültesi/Biyoloji Bölümü, 2019

Postgraduate, Hepsidin ST elevasyonsuz miyokard enfarktüsü hastalarda yeni bir kardiyak markır olabilir mi?, Kahramanmaraş Sutcu Imam University, Sağlık Bilimleri Enstitüsü, Tıbbi Biyokimya, 2012

Research Areas

Health Sciences, Fundamental Medical Sciences, Biochemistry, Microbiology and Clinical Microbiology

Academic Positions

Assistant Professor, Canakkale Onsekiz Mart University, Tıbbi Hizmetler Ve Teknikler, 2013 - Continues

Courses

Associate Degree

Mikrobiyal Biyoteknoloji, Associate Degree, 2023 - 2024
Tıbbi ve Aromatik Bitkilerin Kullanım Alanları, Associate Degree, 2023 - 2024
Sağlık Hizmetleri Yönetimi, Associate Degree, 2023 - 2024
Viroloji, Associate Degree, 2023 - 2024
Sağlıkta İletişim, Associate Degree, 2023 - 2024
Tıbbi Laboratuvar Org ve Güvenliği, Associate Degree, 2021 - 2022
Klinik Biyokimya, Associate Degree, 2021 - 2022
Laboratuvar Aletleri, Associate Degree, 2020 - 2021
Temel Lab. Uyg. II, Associate Degree, 2019 - 2020
Tıbbi Mikrobiyoloji I, Associate Degree, 2019 - 2020
Temel Lab. Uyg. I, Associate Degree, 2020 - 2021
İmmünolojik Yöntemler, Associate Degree, 2019 - 2020
Tıbbi Laboratuvar Org. ve Güvenliği, Associate Degree, 2020 - 2021
Mesleki Uyg. II, Associate Degree, 2019 - 2020
ENMG Lab. Uyg., Associate Degree, 2019 - 2020
Hematoloji, Associate Degree, 2017 - 2018
Temel Lab. Uyg. II, Associate Degree, 2017 - 2018
Kişilerarası İlişkiler ve Hastalarda İletişim, Associate Degree, 2017 - 2018
Klinik Biyokimya, Associate Degree, 2017 - 2018
Tmel Laboratuvar Uygulamaları I, Associate Degree, 2017 - 2018
Kimya, Associate Degree, 2017 - 2018
Klinik Biyokimya, Associate Degree, 2017 - 2018

Journal articles indexed in SCI, SSCI, and AHCI

- I. **Modulation of Gut Microbiota Using VSL#3 and Its Impact on Aortic Parameters in a Rat Model.**
Altun M., Küçük U., Yıldırım N.
Anatolian journal of cardiology, 2025 (SCI-Expanded)
- II. **Antibiotic Resistance Trends in ESKAPE Pathogens Isolated at a Health Practice and Research Hospital: A Five-Year Retrospective Study**
Orhan Z., Kirişçi Ö., Doğaner A., ALTUN M., Küçük B., Aral M.
Journal of Infection in Developing Countries, vol.18, no.12, pp.1899-1908, 2024 (SCI-Expanded)
- III. **Chemical Characterization, Antibacterial, Antioxidant, and Cytotoxic Activity of Some Essential Oils Against Strains Causing Acne**
Altun M., Yıldırım N., Meriçli Yapıcı B.
JOURNAL OF COSMETIC SCIENCE, vol.74, no.1, pp.14-30, 2023 (SCI-Expanded)
- IV. **Chemical Characterization, Antibacterial, Antioxidant, and Cytotoxic Activity of Some Essential Oils Against Strains Causing Acne**
Altun M., Yıldırım N., Yapıcı B.
JOURNAL OF COSMETIC SCIENCE, vol.74, no.1, pp.14-30, 2023 (SCI-Expanded)
- V. **Determination of chemical compositions and antibacterial effects of selected essential oils against human pathogenic strains**
ALTUN M., YAPICI B.
ANAIS DA ACADEMIA BRASILEIRA DE CIENCIAS, vol.94, no.1, 2022 (SCI-Expanded)
- VI. **Detection of Group A Beta Hemolytic Streptococci Species, emm, and Exotoxin Genes Isolated from Patients with Tonsillopharyngitis**
ALTUN M., Mericli Yapici B.
CURRENT MICROBIOLOGY, vol.77, no.9, pp.2064-2070, 2020 (SCI-Expanded)

- VII. **Assessment of serum hepcidin levels in patients with non-ST elevation myocardial infarction Reply**
Altun B., Tasolar H., ALTUN M.
ANADOLU KARDIOLOJİ DERGİSİ-THE ANATOLIAN JOURNAL OF CARDIOLOGY, vol.15, no.2, pp.165, 2015 (SCI-Expanded)
- VIII. **Assessment of serum hepcidin levels in patients with non-ST elevation myocardial infarction**
Altun B., ALTUN M., Acar G., KILINÇ M., Tasolar H., Kucuk A., Temiz A., GAZİ E., Kirimaz B.
ANADOLU KARDIOLOJİ DERGİSİ-THE ANATOLIAN JOURNAL OF CARDIOLOGY, vol.14, no.6, pp.515-518, 2014 (SCI-Expanded)
- IX. **Epicardial Adipose Tissue Thickness in Hemodialysis Patients**
Altun B., Tasolar H., Eren N., Binnetoglu E., Altun M., Temiz A., GAZİ E., BARUTÇU A., Altunoren O., Colkesen Y., et al.
ECHOCARDIOGRAPHY-A JOURNAL OF CARDIOVASCULAR ULTRASOUND AND ALLIED TECHNIQUES, vol.31, no.8, pp.941-946, 2014 (SCI-Expanded)
- X. **The relationship between high-sensitive troponin T, neutrophil lymphocyte ratio and SYNTAX Score**
Altun B., Turkon H., Tasolar H., Beggi H., ALTUN M., Temiz A., GAZİ E., BARUTÇU A., Bekler A., Colkesen Y.
SCANDINAVIAN JOURNAL OF CLINICAL & LABORATORY INVESTIGATION, vol.74, no.2, pp.108-115, 2014 (SCI-Expanded)

Articles Published in Other Journals

- I. **Determination of phytochemical and antibacterial properties of Momordica charantia seed extracts**
Altun M., Orhan Z.
Celal Bayar Üniversitesi Fen Bilimleri Dergisi, vol.19, no.4, pp.309-313, 2023 (Peer-Reviewed Journal)
- II. **Phytochemical Components, Antioxidant, Antibacterial, and Synergistic Effects of Endemic Sideritis trojana Extract in Combination with Antibiotics on Human Pathogens**
Altun M.
SAKARYA UNIVERSITY JOURNAL OF SCIENCE, vol.27, no.5, pp.991-1001, 2023 (Peer-Reviewed Journal)
- III. **IN VITRO EVALUATION OF THE ANTIOXIDANT, ANTIBACTERIAL, ANTIBIOFILM, AND CYTOTOXIC ACTIVITY OF MENTHA PIPERITA ESSENTIAL OIL**
Altun M.
Journal of microbiology, biotechnology and food sciences, vol.20, pp.6206, 2023 (Peer-Reviewed Journal)
- IV. **Determination of Group Distributions and Antibiotic Resistance Profiles of Beta- Hemolytic Streptococci Isolated from Throat Cultures of Patients with Tonsillopharyngitis in Canakkale Province**
Altun M., Meriçli Yapıcı B.
Türk Mikrobiyoloji Cemiyeti Dergisi, vol.51, no.2, pp.180-188, 2021 (Peer-Reviewed Journal)
- V. **Epicardial Adipose Tissue Thickness in Patients with Urolithiasis**
Altun B., Sancak E. B., Reşorlu B., Taşolar H., Akbaş A., Adam G., Reşorlu M., Altun M.
Journal of Cardiovascular Medicine and Cardiology, vol.7 (1), pp.24-27, 2020 (Peer-Reviewed Journal)

Papers Presented at Peer-Reviewed Scientific Conferences

- I. **Antimicrobial Effectiveness of Mentha pulegium essential oil**
Altun M.
5TH INTERNATIONAL EURASIAN CONFERENCE ON SCIENCE, ENGINEERING AND TECHNOLOGY (EURASIANSCIENTECH 2024), Ankara, Turkey, 26 - 28 June 2024, pp.462-467, (Full Text)
- II. **Evaluation of antibacterial activity of gum-resin extracts of Boswellia serrata against human pathogens**
Altun M., Karakaş İ.
4th International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2022),

Ankara, Turkey, 14 - 16 December 2022, pp.275-279, (Full Text)

- III. **MENTHA PİPERİTA ESANSİYEL YAĞININ PSEUDOMONAS AERUGINOSA SUŞUNA KARŞI ANTİBAKTERİYEL VE ANTİBİYOFİLM ÖZELLİKLERİNİN BELİRLENMESİ**
ALTUN M.

International Marmara Sciences Congress (Imascon 2022 Spring), Kocaeli, Turkey, 13 - 14 May 2022, (Full Text)

- IV. **Evaluation of Chemical Profiles, Antioxidant Properties of Cinnamomum verum and Lavandula officinalis Essential Oils and Their Antibacterial Activities Against Acne**
ALTUN M., YILDIRIM N., MERİÇLİ YAPICI B.

6th International Congress on Applied Biological Sciences, 08 December 2021, (Summary Text)

- V. **Antibiotic resistance profiles of Beta Hemolytic Streptococci isolated from patients with Tonsillopharyngitis**
MERİÇLİ YAPICI B., ALTUN M.

1 st International Symposium on Biodiversity Research (ISBR 2019), 02 May 2019, (Summary Text)

- VI. **Epicardial adipose tissue thickness in urolithiasis patients**

ALTUN B., SANCAK E. B., REŞORLU B., TAŞOLAR M. H., AKBAŞ A., ADAM G., REŞORLU M., ALTUN M.

34. uluslararası kardiyoloji kongresi, 20 - 23 October 2018, (Summary Text)

- VII. **Isolation of Hemolytic Group Streptococci and Determination of Their Antibiotic Sensitivity.**
ALTUN M., MERİÇLİ YAPICI B.

4th International Congress on Applied Biological Sciences (ICABS), 3 - 05 May 2018, (Summary Text)

- VIII. **The relationship between cardiac fatty acid binding protein (H-FABP) and acute coronary syndrome risk scores**

küçük u., ALTUN B., TÜRKÖN H., arslan m., ALTUN M.

33. Türk Kardiyoloji Kongresi uluslararası katılımlı, 5 - 08 October 2017, (Summary Text)

- IX. **Epicardial Adipose Tissue Thickness in Hemodialysis Patients**

Altun B., Tasolar H., Eren N., Binnetoglu E., ALTUN M., Temiz A., GAZİ E., BARUTÇU A., Altunoren O., Colkesen Y.
29th Turkish Cardiology Congress of the Turkish-Society-of-Cardiology (TSC) with International Participation, Antalya, Turkey, 26 - 29 October 2013, vol.62, (Summary Text)

- X. **28. Ulusal Kardiyoloji Kongresi**

Altun B., Altun M., Kılınc M., Küçük A., Temiz A., Gazi E., Kırılmaz B.

Hepsidin ST Yükselmesi Miyokard Enfarktüsü Hastalarda Yeni Bir Kardiyak Belirteç Olabilir Mi?, Antalya, Turkey, 10 October - 01 November 2012, (Summary Text)

Metrics

Publication: 27

Citation (WoS): 78

Citation (Scopus): 52

H-Index (WoS): 4

H-Index (Scopus): 4

Congress and Symposium Activities

International Marmara Sciences Congress (Imascon 2022 Spring), Attendee, Kocaeli, Turkey, 2022

6th International Congress on Applied Biological Sciences, Attendee, Adana, Turkey, 2021

1st INTERNATIONAL SYMPOSIUM ON BIODIVERSITY RESEARCH, Attendee, Çanakkale, Turkey, 2019

4th International Congress on Applied Biological Sciences, Attendee, Eskişehir, Turkey, 2018

Non Academic Experience

SAĐLIK BAKANLIĐI, BİYOLOG

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SAĐLIK BAKANLIĐI, BİYOLOG

YÜKSEKÖĐRETİM KURULU BAŐKANLIĐI, BİYOLOG

YÜKSEKÖĐRETİM KURULU BAŐKANLIĐI, BİYOLOG

İSTANBUL ÜNİVERSİTESİ TIP FAK. HAST., BİYOLOG

YÜKSEKÖĐRETİM KURULU BAŐKANLIĐI, BİYOLOG