

Lect. PERVİN SOYER

Personal Information

Office Phone: [+90 0222 335 0580](tel:+9002223350580) Extension: 3751

Email: pervinsoyer@anadolu.edu.tr

Web: <https://avesis.anadolu.edu.tr/pervinsoyer>

International Researcher IDs

ScholarID: rySgPh4AAAAJ

ORCID: 0000-0002-6258-1993

Yoksis Researcher ID: 366159



Education

2020 - Continues	Doctorate, Eskisehir Osmangazi University, Fen Bilimleri Enstitüsü, Biyoloji (Dr), Turkey
2019 - 2023	Associate Degree, Anadolu University, AÇIKÖĞRETİM FAKÜLTESİ, SOSYOLOJİ BÖLÜMÜ (AÖF), Turkey
2016 - 2019	Postgraduate, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Mikrobiyoloji (YI) (Tezli), Turkey
2011 - 2016	Undergraduate, Anadolu University, FEN FAKÜLTESİ, BİYOLOJİ BÖLÜMÜ, Turkey

Dissertations

2019	Topraktan Aktinomiset İzolasyonu ve Bazı Biyolojik Özelliklerinin Araştırılması, Anadolu University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, Postgraduate
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Research Areas

Health Sciences, Pharmacology and Therapeutics, Pharmaceutical Microbiology

Academic Positions

2022 - Continues	Lecturer, Anadolu University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü
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Academic and Administrative Experience

2025 - Continues	Erasmus Program Institutional Coordinator, Anadolu University, Eczacılık Fakültesi, Eczacılık Fakültesi Dekanlık
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Journal articles indexed in SCI, SSCI, and AHCI

- I. Design and synthesis of new 1,3,4-thiadiazoles as antimicrobial and antibiofilm agents

- Kaya B., Cevik U. A., SOYER P., Yıldız M. T., ÖZKAY Y., KAPLANCIKLİ Z. A.
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, 2025 (SCI-Expanded)
- II. Evaluation of Antimicrobial Properties and Antioxidant Activity of Rosmarinic Acid-Loaded Resomer RG 502 H-Based Nanoparticles Against Tert-Butyl Hydroperoxide-Induced Oxidative Stress: A detailed formulation, characterization and efficacy determination study
Solak B., Soyer P., Kaya Tilki E., Öztürk A. A.
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.106721, pp.1-10, 2025 (SCI-Expanded)
- III. Investigation of Thermal and Antimicrobial Properties of NiTiX (X = Ta, Ag, and Nb) Shape Memory Alloys
AYDOĞDU Y., Abboosh O., SOYER P., Kilic G., Savur A., DAĞDELEN F., Aydogdu A., TUNALI Y.
PHYSICS OF METALS AND METALLOGRAPHY, vol.123, no.13, pp.1326-1334, 2022 (SCI-Expanded)

Articles Published in Other Journals

- I. Antioxidant and antimicrobial activities of *Hypericum organifolium* Willd. var. *organifolium*
Gülcan Z., Tunç F., Saltan N., Soyer P., Köse Y. B.
JOURNAL OF RESEARCH IN PHARMACY, vol.29, no.2, pp.599-604, 2025 (ESCI)
- II. Antimicrobial and antibiofilm studies on three endemic species of *Verbascum* L. (Scrophulariaceae) in Türkiye
SOYER P., KÜÇÜK S., TUNALI Y.
INTERNATIONAL JOURNAL OF SECONDARY METABOLITE, vol.11, no.3, pp.543-550, 2024 (Scopus)
- III. Determination of potential probiotic properties of lactic acid bacteria isolated from colostrum milk
SOYER P., Tekgöz M., TUNALI Y.
European Journal of Life Sciences, vol.2, pp.1-8, 2023 (Peer-Reviewed Journal)
- IV. Actinobacteria isolation from forest soils and determination of biological activities
SOYER P., TUNALI Y.
Journal of the Turkish Chemical Society, Section A: Chemistry, vol.7, no.2, pp.327-334, 2020 (Scopus)
- V. Determination of antimicrobial and biological activities of *salvia sclarea* L. (lamiaceae) extracts
KÜÇÜK S., SOYER P., TUNALI Y.
Journal of the Turkish Chemical Society, Section A: Chemistry, vol.6, no.1, pp.15-20, 2019 (Scopus)

Books

- I. Epidemiyoloji
SOYER P.
in: Genel Mikrobiyoloji, CANTÜRK ZERRİN, Editor, T.C. ANADOLU ÜNİVERSİTESİ, pp.109-124, 2024
- II. Mikoloji (Mantar Bilimi)
SOYER P.
in: Genel Mikrobiyoloji, CANTÜRK ZERRİN, Editor, T.C. ANADOLU ÜNİVERSİTESİ, pp.29-42, 2024
- III. İmmünloloji
ÖZARDA M. G., SOYER P., DİKMEN M., KAYHAN B., ÖZDEMİR F., CANTÜRK Z.
in: Genel Mikrobiyoloji, CANTÜRK ZERRİN, Editor, T.C. Anadolu Üniversitesi, Eskişehir, pp.130-167, 2024

Papers Presented at Peer-Reviewed Scientific Conferences

- I. Production of melanin by *Aspergillus terreus* and Analysis of its Structural Properties
SOYER P., İLHAN S., TUNALI Y., CANTÜRK Z.
4th International Eurasian Mycology Congress, 3 - 05 September 2024, (Summary Text)
- II. ANTIOXIDANT AND ANTIMICROBIAL ACTIVITIES OF *BALLOTA NIGRA* L SUBSP *ANATOLICA* DAVIS

- SALTAN N., GÜLCAN Z., SOYER P.
14th International Symposium on Pharmaceutical Sciences (ISOPS-14), Ankara, Turkey, 25 - 28 June 2024,
(Summary Text)
- III. **BIOLOGICAL ACTIVITIES OF VITIS VINIFERA L. (ANTEP KARASI) SEED OIL**
Öğüt K., Özak G., Soyer P., Özak T.
14th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 25 - 28 June 2024, pp.349,
(Summary Text)
- IV. **Biological Activities of Vitis vinifera L. (Antep Karası) Seed Oil**
Öğüt K., Özak G., Soyer P., Özak T.
14th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 25 - 28 June 2024, pp.349,
(Summary Text)
- V. **Cytotoxic studies on two Scabiosa species in Türkiye**
Öğüt K., Soyer P., Yaylaci Ö. K., Tekin M., Özak T.
15th International Symposium on the Chemistry of Natural Compounds (SCNC 2023), Antalya, Turkey, 2 - 05
November 2023, pp.121, (Summary Text)
- VI. **Biological Activity and Total Phenolic Contents of Endemic Haplophyllum myrtifolium Boiss. Extracts**
SALTAN N., TUNÇ F., GÜLCAN Z., SOYER P., KÖSE Y. B.
PSE Natural Drug Discovery 12-15 October 2023, Antalya, Türkiye Current Approach and Future Perspectives,
Antalya, Turkey, 12 - 15 October 2023, (Summary Text)
- VII. **Antioxidant, Antimicrobial and Cytotoxic Activity of Hypericum origanifolium Willd**
GÜLCAN Z., TUNÇ F., SALTAN N., SOYER P., KÖSE Y. B.
PSE Natural Drug Discovery 12-15 October 2023, Antalya, Türkiye Current Approach and Future Perspectives,
Antalya, Turkey, 12 - 15 October 2023, (Summary Text)
- VIII. **In vitro biological evaluation on Pinus brutia Ten. var. pendulifolia Frankis extracts**
KIYAN H. T., Manav M., Tekgöz M., SOYER P.
6th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2023) October 11-
13, 2023., Turkey, 11 - 13 October 2023, (Full Text)
- IX. **Investigation of Antioxidant and Antimicrobial Activities of Sideritis montana L.**
TUNÇ F., SALTAN N., GÜLCAN Z., SOYER P., KÖSE Y. B.
PSE Natural Drug Discovery 12-15 October 2023, Antalya, Türkiye Current Approach and Future Perspectives,
Antalya, Turkey, 12 - 15 October 2023, (Summary Text)
- X. **In vitro biological evaluation on Abies cilicica (Ant. & Kotschy) Carr. subsp. isaurica Coode
& Cullen methanolic extract**
KIYAN H. T., Manav M., Tekgöz M., SOYER P.
6th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2023) October 11-
13, 2023., Turkey, 11 October 2023, (Full Text)
- XI. **Determination the Cytotoxic Activity of Some Species from Lamiaceae Family**
GÜLCAN Z., SOYER P., TUNÇ F., KÖSE Y. B.
PSE Natural Drug Discovery 12-15 October 2023, Antalya, Türkiye Current Approach and Future Perspectives,
Antalya, Turkey, 12 - 15 October 2023, (Summary Text)
- XII. **Pd (II)-phosphine-benzimidazole derivative complexes with in vitro antioxidant and in vivo
antiangiogenic potentials**
KIYAN H. T., SOYER P., ÜNVER H., EROL KUTUCU D.
6th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2023), Turkey, 11
October 2023, pp.1577-1581, (Full Text)
- XIII. **Galleria mellonella'da Enfeksiyon Modeli Oluşturulması ve Bazı Bitki Ekstrelerinin Antimikrobiyal
Aktivitelerinin Değerlendirilmesi**
SOYER P., Tekgöz M., TUNALI Y.
1st International Conference on Innovative Academic Studies, Konya, Turkey, 10 September 2022, pp.810-814,
(Full Text)
- XIV. **Bazı Bitki Ekstrelerinin Omurgasız Hayvan Modeli Tubifex tubifex Üzerinde Antihelmintik**

Aktivitesinin Araştırılması

SOYER P., Tekgöz M., TUNALI Y.

1st International Conference on Innovative Academic Studies, Konya, Turkey, 10 September 2022, pp.955-957, (Full Text)

XV. DETERMINATION OF ANTIMICROBIAL AND ANTIBIOFILM ACTIVITIES OF NATURAL WHEY-BASED PROBIOTICS

TUNALI Y., SOYER P.

The Sixth International Symposium on Pharmaceutical and Biomedical Sciences ISPBS – 6, Gaziantep, Turkey, 26 May 2022, (Summary Text)

XVI. Isolation and Identification of Probiotics from Whey

SOYER P., TUNALI Y.

3rd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020), Ankara, Turkey, 19 March 2020, (Full Text)

XVII. Investigation of Antimicrobial, Antibiofilm and Cytotoxic Activities of Some Disinfectant Agents

SOYER P., TUNALI Y.

3rd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020), Ankara, Turkey, 19 March 2020, (Full Text)

XVIII. Metabolite Extraction by *Brevibacterium* and their Biological Activities

SOYER P., TUNALI Y.

1st International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2018), Ankara, Turkey, 22 November 2018, (Full Text)

XIX. Characterization and Identification of Different Actinomycetes Strain from Forest Soils

SOYER P., TUNALI Y.

1st International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2018), Ankara, Turkey, 22 November 2018, (Full Text)

XX. Determination of Antimicrobial and Biological Activities of *Salvia sclarea* L. Extracts

SOYER P., TUNALI Y.

Uluslararası Kimya ve Biyoloji Konferansı?na'18 (ChemBioCon18), Egypt, 11 July 2018, (Full Text)

XXI. Determination of Antimicrobial and Cytotoxic Activities of *Rubus idaeus* Extracts

KÜÇÜK S., SOYER P., TUNALI Y.

INTERNATIONAL MEETING ON EDUCATION RESEARCH IN HEALTH SCIENCES, İstanbul, Turkey, 3 - 05 November 2017, (Summary Text)

XXII. Anticancer Activities Of Gallic Acid

SOYER P., TUNALI Y.

International Meeting On Education And Research In Health Sciences, imer-hs, İstanbul, Turkey, 03 November 2017, (Summary Text)

XXIII. *Elymus elongatiformis* (drobow) Assadi Bitkisinin Antimikroiyal Aktivite Ve Sitotoksik Özelliklerinin Belirlenmesi

SOYER P., TUNALI Y.

Anes, Anadolu Eczacılık Sempozyumu, Eskisehir, Turkey, 11 June 2017, (Summary Text)

XXIV. Antifungal Activities And Brine Shrimp Lethality Test Of Gallic Acid

TUNALI Y., SOYER P.

Ivek 3rd International Convention Of Pharmaceuticals And Pharmacies, İstanbul, Turkey, 26 April 2017, (Summary Text)

Funded Projects

2025 - 2026 İnaktive edilmiş Probiyotiklerin Biyolojik Aktivitelerinin Araştırılması, Project Supported by Higher Education Institutions

2025 - 2026 Alkanna orientalis var. leucanta'nın Biyolojik Etki Açılarından Değerlendirilmesi, Project Supported by Higher Education Institutions

2025 - 2026	KARPUZ KABUĞU KULLANARAK AĞIZ SAĞLIĞINI DESTEKLEYİCİ POSTBİYOTİK VE PARAPROBİYOTİK İÇERİKLİ TAKVİYE EDİCİ GIDA FORMÜLASYONLARININ GELİŞTİRİLMESİ VE KARŞILAŞTIRILMASI, TUBITAK Project
2024 - 2026	Postbiyotik içeren dermakożmetik preparatların hazırlanması ve karakterizasyonu, Project Supported by Higher Education Institutions
2023 - 2026	Screening of Melanogenic Microorganisms from Extreme Environments, Production Optimization of Melanin and Characterization of Structural-Biological Properties, Project Supported by Higher Education Institutions
2024 - 2025	Farklı formülasyonlarla elde edilmiş sinbiyotiklerin biyolojik aktiviteleri, Project Supported by Higher Education Institutions
2024 - 2025	Paraprobiyotiklerin Ağız Sağlığına Etkili Antimikroiyal ve Antibiyofilm Özelliklerinin Araştırılması, TUBITAK Project
2022 - 2023	DOĞAL İÇERİKLİ ORAL SPREY GELİŞTİRİLMESİ, TUBITAK Project
2020 - 2022	Lamiaceae Türlerinin Bazı Biyolojik Özelliklerinin Araştırılması, Project Supported by Higher Education Institutions
2019 - 2020	Eskişehir İli ve Çevresinde Yayılış Gösteren Bazı Verbascum L. (Sığır kuyruğu) Türleri Üzerinde Taksonomik, Sitotoksik, Antimikroiyal, Antioksidan Aktivite, Uçucu Bileşikleri ve Toplam Fenol Miktarının Belirlenmesi Çalışmaları, Project Supported by Higher Education Institutions
2018 - 2020	Salvia officinalis L. Ekstrelerinin Antioksidan Aktivite, Fenolik Bileşiklerinin Belirlenmesi, Sitotoksitesi ve Enzim İnhibisyonu Çalışmaları, Project Supported by Higher Education Institutions
2018 - 2020	Peynir Altı Suyundan İzole Edilen Probiyotiklerin Gıda ve İlaç Endüstrisine Katkı Sağlayacak Biyolojik Aktivitelerinin Araştırılması, Project Supported by Higher Education Institutions
2018 - 2019	Bazı Dezenfektan Etken Maddelerinin Antimikroiyal, Antibiyofilm, ATP Biyoluminesans ve Sitotoksitesi Aktivitelerinin Araştırılması, Project Supported by Higher Education Institutions

Awards

March 2023	2022 Anadolu Üniversitesi Girişimcilik Alanında Yürüttülen Çalışmalar Ödülü, Anadolu Üniversitesi
January 2023	2022 Yılı En Başarılı Kuluçka Girişimi Birincilik Ödülü, Etgb - Eskişehir Teknoloji Geliştirme Bölgesi
March 2022	2021 Anadolu Üniversitesi Girişimcilik Alanında Yürüttülen Çalışmalar Ödülü, Anadolu Üniversitesi
January 2021	2020 Anadolu Üniversitesi Girişimcilik Alanında Yürüttülen Çalışmalar Ödülü, Anadolu Üniversitesi

Entrepreneurship Activities

2022 - Continues	Limited, Biovarius Biotechnology, 21 January 2022, Founder Owner
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