

**Res. Asst. PhD Fatma Memnune
ERUÇAR**



Personal Information

Email: memnune.erucar@istanbul.edu.tr

Web: <https://avesis.istanbul.edu.tr/memnune.erucar>

Address: İstanbul Üniversitesi Eczacılık Fakültesi Farmakognozi Anabilim Dalı A Blok 2.
Kat 34116 Beyazıt-İstanbul



International Researcher IDs

ScholarID: nA4POB4AAAAJ

ORCID: 0000-0003-4742-0371

Publons / Web Of Science ResearcherID: LLL-4738-2024

ScopusID: 57224932643

Yoksis Researcher ID: 279023

Education Information

Doctorate, Istanbul University, Farmakognozi Anabilim Dalı, Turkey 2016 - 2022

Undergraduate, Istanbul University, Faculty Of Pharmacy , Farmakognozi Anabilim Dalı,
Turkey 2010 - 2015

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Health&Medicine, Introduction to Molecular Modeling in Drug Discovery, Schrödinger, 2020

Education Management and Planning, Scientists Teaching Science, Ulusal Sağlık Enstitüsü (National Institute of Health),
2019

Foreign Language, Graduate Preparation Program, Washington Üniversitesi (University of Washington), 2019

Dissertations

Doctorate, FERULA CİNSİNİN MERWİA (B. FEDTSCH.) ALT CİNSİNE AİT TÜRKİYE'DE BULUNAN TÜRLERİ ÜZERİNDE
FARMAKOĞNOZİK ARAŞTIRMALAR, Istanbul University, 2022

Research Areas

Health Sciences, Pharmacology and Therapeutics, Professional Sciences, Pharmacognosy

Academic Titles / Tasks

Research Assistant PhD, Istanbul University, Faculty Of Pharmacy , Department Of Professional Pharmaceutical Sciences, 2022 - Continues

Research Assistant, Istanbul University, Faculty Of Pharmacy , Department Of Professional Pharmaceutical Sciences, 2018 - 2022

Academic and Administrative Experience

Program Accreditation-Self-Assessment Committee Member, Istanbul University, Faculty Of Pharmacy , Department Of Professional Pharmaceutical Sciences, 2024 - Continues

Exam Program Preparation Commission Member, Istanbul University, Faculty Of Pharmacy , Department Of Professional Pharmaceutical Sciences, 2024 - Continues

Curriculum Preparation Committee Member, Istanbul University, Faculty Of Pharmacy , Department Of Professional Pharmaceutical Sciences, 2024 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Sesquiterpene Coumarins, Chromones, and Acetophenone Derivatives with Selective Cytotoxicities from the Roots of *Ferula caspica* M. Bieb. (Apiaceae)**
Kuran F. K., Altıparmak Ülbegi G., Arcan G. G., Eruçar F. M., Karavuş Ş. N., Aksoy Sağırlı P., Tan N., Miski M.
PHARMACEUTICALS, vol.17, no.10, pp.1254-1274, 2024 (SCI-Expanded)
- II. **Novel Cytotoxic Sesquiterpene Coumarin Ethers and Sulfur-Containing Compounds from the Roots of *Ferula turcica***
Eruçar F. M., Sanadeera S. P. D., Wilson J. A., Goncharova E., Beutler J. A., Miski M.
MOLECULES, vol.28, pp.1-18, 2023 (SCI-Expanded)
- III. **Sesquiterpene Coumarin Ethers with Selective Cytotoxic Activities from the Roots of *Ferula huber-morathii* Pesmen (Apiaceae) and Unequivocal Determination of the Absolute Stereochemistry of Samarcandin**
ERUÇAR F. M., KURAN F. K., Ulbegi G. A., ÖZBEY S., KARAVUŞ Ş. N., ARCAN G. G., YAZICI TÛTÛNİŞ S., TAN N., Sagirli P. A., MİSKİ M.
PHARMACEUTICALS, vol.16, no.6, 2023 (SCI-Expanded)
- IV. **Two New *Ferula* (Apiaceae) Species from Central Anatolia: *Ferula turcica* and *Ferula latialata***
Tuncay H. O., Akalın E., Doğru-Koca A., Eruçar F. M., Miski M.
Horticulturae, vol.9, no.2, 2023 (SCI-Expanded)
- V. **Ethnobotanical Records of Medicinal Plants of Turkey Effective on Stress Management Complied with the Literature Survey in Their Chemical Content and Activities**
ERUÇAR F. M., TAN N., MİSKİ M.
RECORDS OF NATURAL PRODUCTS, vol.17, pp.1-92, 2023 (SCI-Expanded)
- VI. **Chemical Composition and Cytotoxic Effect of *Prangos turcica* A. Duran, M. Sagiroglu & H. Duman**
Yazici-Tutunis S., Eruçar F. M., Oztas E., Akalin E., Ozhan G., Miski M., Tan N.
RECORDS OF NATURAL PRODUCTS, vol.15, no.6, pp.503-512, 2021 (SCI-Expanded)

Articles Published in Other Journals

- I. ***Salvia multicaulis*, Çok Gövdeli Adaçay**
Topçu G., Tan N., Gürdal Abamor M. B., Tufan S., Eruçar F. M., Alan Z., Akalın Uruşak E.
Türk Farmakope Dergisi, vol.3, no.4, pp.40-42, 2018 (Peer-Reviewed Journal)
- II. ***Salvia multicaulis*, Çok Gövdeli Adaçayı**
Topçu G., Alan Z., Tan N., Gürdal Abamor M. B., Eruçar F. M., Akalın Uruşak E.

Refereed Congress / Symposium Publications in Proceedings

- I. **INVESTIGATION ON THE TRADITIONAL EXTRACTION METHOD OF BLACK RADISH (RAPHANUS SATIVUS VAR. NIGER): CHEMICAL CONTENT AND ANTIOXIDANT ACTIVITY SCREENING**
Diler E., Eruçar F. M., Tufan S., Tan N.
The 10th International Mediterranean Symposium on Medicinal and Aromatic Plants, İstanbul, Turkey, 25 - 27 April 2024, pp.1
- II. **COMPARING THE CHEMICAL COMPOSITION AND CYTOTOXIC ACTIVITY PROFILES OF NEW FERULA PLANTS FROM MERWIA SECTION GROWING NATIVE IN TÜRKİYE'**
Eruçar F. M., Altıparmak Ülbegi G., Senadeera S. P., Aksoy Sağırlı P., Beutler J. A., Miski M.
The 10th International Mediterranean Symposium on Medicinal and Aromatic Plants, İstanbul, Turkey, 25 - 27 April 2024, pp.1
- III. **Chemical Profile and Antimicrobial Activity of Essential Oil of Citrus sinensis Kompost Products**
Dolap Z. E., Eruçar F. M., Kızılay B. A., Yazıcı Tütüniş S., İşcan G., Demir B., Tan N.
The 10th International Mediterranean Symposium on Medicinal and Aromatic Plants, İstanbul, Turkey, 25 - 28 April 2024, pp.1
- IV. **CURCUMINOID QUANTIFICATION AND ANTIOXIDANT PROPERTIES OF THE EXTRACTS FROM TURMERIC (CURCUMA LONGA) PLANTS GROWN IN TÜRKİYE**
Yüksel T., Eruçar F. M., Tufan S., Tan N.
CURCUMINOID QUANTIFICATION AND ANTIOXIDANT PROPERTIES OF THE EXTRACTS FROM TURMERIC (CURCUMA LONGA) PLANTS GROWN IN TÜRKİYE, İstanbul, Turkey, 25 - 28 April 2024, pp.1
- V. **Investigation of The Antioxidant Activity Of Milk Powder Obtained From Papaver Somniferum Seeds**
Uğur E. E., Eruçar F. M., Beşir Özgeçen A., Boğa M., Eroğlu Özkan E.
PSE Natural Drug Discovery Current Approach and Future Perspectives, Antalya, Turkey, 12 - 15 October 2023, pp.101
- VI. **Phytochemical and Chemotaxonomic Investigations on Ferula szowitsiana DC. and Allied Taxa of the Genus Ferula from Anatolia, Turkey**
Eruçar F. M., Senadeera S. P. D., Beutler J. A., Miski M.
NIH GRADUATE STUDENT RESEARCH SYMPOSIUM FACES OF TOMORROW'S SCIENCE, Maryland, United States Of America, 20 February 2020
- VII. **Acetylcholine and butyrylcholine esterase inhibitory activity of Prangos turcica fruits.**
ERUÇAR F. M., YILMAZ ÖZDEN T., YAZICI TÜTÜNİŞ S., AKALIN URUŞAK E., TAN N., MİSKİ M.
12th International Symposium on Pharmaceutical Sciences (ISOPS-12), Ankara, Turkey, 26 - 29 June 2018, pp.1
- VIII. **Medicinal Plants Used Traditionally Against Thyroid Disease In Turkey**
ERUÇAR F. M., TAN N., MİSKİ M.
1st International Traditional And Complementary Medical Congress, İstanbul, Turkey, 19 - 22 April 2018
- IX. **Sesquiterpene Lactones from Inula germanica and the Correct Structure of Germanin A & B**
MİSKİ M., ERUÇAR F. M., Güleç M., TAN N.
The 29th International Symposium on the Chemistry of Natural Products (ISCP-29) and the 9th International Conference on Biodiversity (ICOB-9), İzmir, Turkey, 24 - 27 September 2016, pp.36
- X. **Türkiye'de Santral Sinir Sistemi Hastalıklarında Geleneksel Olarak Kullanılan Tıbbi Bitkiler**
ERUÇAR F. M., TAN N.
IVEK 2nd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 27 - 29 November 2015, pp.75

Supported Projects

ERUÇAR F. M., TUFAN S., İNCE D. K., TAN N., Project Supported by Higher Education Institutions, İzmit İlçesinde Yetişen *Laurus nobilis* Bitki Droglarının Kimyasal İçerik ve Antioksidan Aktivitelerinin Araştırılması, 2024 - Continues

EROĞLU ÖZKAN E., UĞUR E. E., BEŞİR A., ERUÇAR F. M., MORTAŞ M., Project Supported by Higher Education Institutions, *Papaver somniferum* tohumlarından elde edilen bitkisel sütun LC-HRMS ile analizi antioksidan ve antiAlzheimer potansiyelinin belirlenmesi, 2022 - Continues

Tan N., Tufan S., Eruçar F. M., Kuran F. K., Miski M., Project Supported by Other Official Institutions, Isolation of Colchicum Alkaloids from Turkey's Natural Resources on a Pilot Scale, 2023 - 2026

Eruçar F. M., Project Supported by Other Official Institutions, Türevlendirilmiş geleneksel ve bilimsel yöntemlerle hazırlanan Kara Turp *Raphanus sativus* var *niger* kök ekstralarında antioksidan aktivite karşılaştırılması, 2024 - 2025

Cevher E., Miski M., Tan N., Eruçar F. M., TUBITAK Project, Development of nanotechnological colchicine drugs with high bioavailability, 2021 - 2025

GÜL A., HARDAL G., CEVHER E., SIRMA EKMEKÇİ S., ABACI N., ÜRESİN A. Y., BULUT Y., TAN N., MİSKİ M., ÖZHAN G., et al., TUBITAK Project, İnflamazom Aracılı Otoenflamatuvar Hastalıkların Takip ve Tedavisine Yönelik Biyogösterge ve İleri Teknoloji Ürünü İlaçların Geliştirilmesi, 2021 - 2025

Eruçar F. M., Diler E., TUBITAK Project, Kara Turp (*Raphanus sativus* var. *niger*) Köklerinin Geleneksel Kullanımında Ekstre Hazırlanma Metodunun İncelenmesi Ve Türevlendirilmesi İle Ekstrelerin Kimyasal İçeriğinin Ve Antioksidan Kapasitesinin Araştırılması, 2023 - 2024

Eruçar F. M., Özkanlı N. T., Aksay R. E., Can ., Tinas R. F., Project Supported by Higher Education Institutions, *Colchicum speciosum* ve *Colchicum baytopiorum* yapraklarında HPLC yöntemiyle kolşisin miktar tayini, 2023 - 2023

Eruçar F. M., Özkanlı N. T., Gözübenli F. B., Demir Z., Kaya S., Bulut H., Project Supported by Higher Education Institutions, Hatay İlinde Yetişen 8 Zeytin *Olea europaea* L. Çeşidinden Hasat Sonrası Dönemde Toplanan Yaprakların Ekstraksiyonu ve HPLC Analizi ile Oleuropein Miktarı Tayini, 2023 - 2023

Eruçar F. M., Kızılay B. A., Dolap Z. E., Diler E., Özdemir B., Yüksek M. S., Project Supported by Higher Education Institutions, Çiçeklenme Ve Budanma Döneminde Toplanmış *Citrus* sp. Yapraklarından Elde Edilen Uçucu Yağların Kalitesinin Karşılaştırılması, 2023 - 2023

MİSKİ M., TAN N., AKSOY SAĞIRLI P., YILMAZ ÖZDEN T., ERUÇAR F. M., ALTIPARMAK ÜLBEGİ G., Project Supported by Higher Education Institutions, *FERULA CİNSİNİN MERWIA B FEDTSCH ALT CİNSİNE AİT TÜRKİYEDE BULUNAN TÜRLERİ ÜZERİNDE FARMAKOGNOZİK ARAŞTIRMALAR*, 2019 - 2023

Miski M., Tan N., Aksoy Sağırli P., Yazici Tütüniş S., Kuran F. K., Eruçar F. M., Altıparmak Ülbegi G., Karavuş Ş. N., Arcan G. G., TUBITAK Project, *Ferula huber-morathii* Peşmen ve *Ferula caspica* Bieb. bitkilerinin kök ekstralarında sitotoksik etkili bileşiklerin izolasyonu, yapılarının tayini, etki mekanizmalarının ve antikanser ilaç geliştirilebilme potansiyellerinin araştırılması, 2018 - 2022

Tan N., Akalın E., Tan E., UZUN M., TUBITAK Project, The Evaluation Of Antimicrobial Activity of *Salvia* Species Growing in Anatolia, 2014 - 2018

Scientific Refereeing

BEZMIALEM SCIENCE, Journal Indexed in ESCI, March 2024

JOURNAL OF RESEARCH IN PHARMACY, Journal Indexed in ESCI, July 2023

INTERNATIONAL JOURNAL OF ENVIRONMENTAL HEALTH RESEARCH, Journal Indexed in SCI-E, April 2023

JOURNAL OF RESEARCH IN PHARMACY, Journal Indexed in ESCI, March 2023

ACTA PHARMACEUTICA SCIENTIA, National Scientific Refreed Journal, March 2023

Metrics

Publication: 18

Citation (WoS): 12

Citation (Scopus): 23

H-Index (WoS): 2

H-Index (Scopus): 3

Scholarships

Visiting Student Researcher, Fulbright Program, 2019 - 2020

Isolation and structure elucidation of cytotoxic compounds from the root extracts of *Ferula huber-morathii* Peşmen and *Ferula caspica* Bieb..., TUBITAK, 2018 - 2019

The Evaluation Of Antimicrobial Activity of *Salvia* Species Growing in Anatolia, TUBITAK, 2016 - 2017