

Prof. BÜLENT ERGUN

Personal Information

Email: bergun@anadolu.edu.tr
Web: <https://avesis.anadolu.edu.tr/bergun>

International Researcher IDs

ScholarID: 4GHR4bcAAAAJ
ORCID: 0000-0002-3646-7935
Publons / Web Of Science ResearcherID: LZI-1257-2025
ScopusID: 8946844600
Yoksis Researcher ID: 59483

Education

Doctorate, Eskisehir Osmangazi University, Sağlık Bilimleri Enstitüsü, T. Farmakoloji Ve Toksikoloji (YL) (Tezli), Turkey 1986 - 1992
Postgraduate, Ankara University, Sağlık Bilimleri Enstitüsü, Turkey 1983 - 1986
Undergraduate, Anadolu University, ECZACILIK FAKÜLTESİ, Turkey 1978 - 1982

Dissertations

Doctorate, Nerium Oleander'in Bazı Suda Çözünen Bileşiklerinin in vitro Biyolojik EtkileriNerium Oleander'in Bazı Suda Çözünen Bileşiklerinin in vitro Biyolojik Etkileri, Eskisehir Osmangazi University, Sağlık Bilimleri Enstitüsü, T. Farmakoloji Ve Toksikoloji (YL) (Tezli), 1992
Postgraduate, Modifiye Bogen ve Gaz Sıvı Kromatografisi Yöntemleri İle Kanda Etil Alkol Tayininin Analitik Toksikoloji Açısından Karşılaştırılması, Ankara University, Sağlık Bilimleri Enstitüsü, 1986

Research Areas

Health Sciences

Academic Positions

Professor, Anadolu University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2019 - Continues
Associate Professor, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 2007 - 2019
Assistant Professor, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 1993 - 2007
Research Assistant, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 1983 - 1993

Academic and Administrative Experience

Anadolu University, 1993 - Continues
Dean, Anadolu University, 2020 - 2024
Anadolu University, 2008 - 2011

Courses

Postgraduate

Çevre Toksikolojisi ve Pestisitler, Postgraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001

İlaç Bağımlılığı ve Sporda Kullanılan Doping Maddeleri, Postgraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001

Besin Toksikolojisi, Postgraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001

Endüstriyel Toksikoloji, Postgraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001

Undergraduate

Farmasötik Toksikoloji Uygulama, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001

Farmasötik Toksikoloji I, Undergraduate, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001

Journal articles indexed in SCI, SSCI, and AHCI

- I. A quality by design paradigm, novel, and fast LC-MS/MS method to quantify vortioxetine in rat brain homogenate and its assessment of greenness, whiteness, and blueness tools
ÖZCAN S., AVCI H., LEVENT S., CAN N. Ö., ERGUN B.
Microchemical Journal, vol.207, 2024 (SCI-Expanded)
- II. DETERMINATION OF PHENOLIC COMPOUNDS OF STACHYS RUPESTRIS MONTBRET ET AUCHER EX BENTHAM BY LC-MS/MS AND ITS BIOLOGICAL ACTIVITIES
ERGUN B., GÖGER F., KÖSE Y. B., İŞCAN G.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.27, no.2, pp.1176-1182, 2018 (SCI-Expanded)
- III. Evaluation of antimicrobial, Cytotoxic and genotoxic activities of Ganoderma lucidum (Reishi mushroom)
ERGUN B.
PAKISTAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.30, no.5, pp.1991-1995, 2017 (SCI-Expanded)
- IV. Matrix metalloproteinases are possible targets in monocrotaline-induced pulmonary hypertension: investigation of anti-remodeling effects of alagebrium and everolimus
ATLI EKLİOĞLU Ö., ILGIN S., ERGUN B., BURUKOĞLU DÖNMEZ D., MUSMUL A., SIRMAGÜL B.
ANATOLIAN JOURNAL OF CARDIOLOGY, vol.17, no.1, pp.8-17, 2017 (SCI-Expanded)
- V. Is N-acetyl cysteine protective against monocrotaline-induced toxicity?
Karagoz S., ILGIN S., ATLI EKLİOĞLU Ö., Perk B. O., BURUKOĞLU DÖNMEZ D., ERGUN B., SIRMAGÜL B.
TOXIN REVIEWS, vol.32, no.3, pp.47-54, 2013 (SCI-Expanded)
- VI. Consideration of anticarcinogenic activity of lycopene on ER(+) HeLa and LNCaP cancer cells
Ilgin S., Ergun B.
TOXICOLOGY LETTERS, vol.172, 2007 (SCI-Expanded)
- VII. Estrogenic effects of lycopene and beta-carotene on ER(+) HeLa and LNcAP cancer cells
Ilgin S., Ergun B., Korkmaz S.
ACTA PHARMACOLOGICA SINICA, vol.27, pp.345, 2006 (SCI-Expanded)
- VIII. Validation of a reversed-phase HPLC method for the analysis of sildenatil citrate in pharmaceutical preparations and in spiked human plasma

- Ergun B., Saracoglu A., Ilgin S., Atkosar Z., Kircali K., Altiookka G.
 JOURNAL OF LIQUID CHROMATOGRAPHY & RELATED TECHNOLOGIES, vol.28, no.10, pp.1539-1548, 2005 (SCI-Expanded)
- IX. **Cardioprotection with resveratrol pretreatment: improved beneficial effects over standard treatment in rat hearts after global ischemia**
 Dernek S., Ikitler M., Erkasap N., Ergun B., Koken T., Yilmaz K., Sevin B., Kaygisiz Z., Kural T.
 SCANDINAVIAN CARDIOVASCULAR JOURNAL, vol.38, no.4, pp.245-254, 2004 (SCI-Expanded)
- X. **Pulse polarographic determination of levofloxacin in tablets**
 Atkosar Z., Altiookka G., Ergun B.
 PHARMAZIE, vol.57, no.8, pp.587-589, 2002 (SCI-Expanded)

Articles Published in Other Journals

- I. **Effects of Prenatal and Lactational Vortioxetine Exposure on Emotional States, Motor Activities and Cognitive Performances of Offspring.**
 ERGUN B., YAZICI C., KANDEMİR Ü., ESER M., DEMİR ÖZKAY Ü., CAN Ö. D.
 PSYCHIATRY AND BEHAVIORAL SCIENCES, vol.14, no.3, pp.182-191, 2024 (ESCI)
- II. **Evaluation of in vitro hepatotoxicity of perampanel in comparison with carbamazepine: old versus new**
 FARMANLI G., ILGIN S., ERGUN B., BAYSAL M., KARADUMAN A. B., ATLI EKLİOĞLU Ö.
 Anadolu University Health Sciences Institute, vol.2, 2023 (Peer-Reviewed Journal)
- III. **YÜKSEK PERFORMANSLI SIVI KROMATOGRAFİSİ İLE YEREL MARKETLERDE SATILAN KAHVELERİN OKRATOKSİN A İÇERİĞİNİN İNCELENMESİ**
 ERĞUN B., SOYSEVEN M., İŞCAN G., ARLİ G.
 Anadolu Üniversitesi Bilim ve Teknoloji Dergisi :C-Yaşam Bilimleri ve Biyoteknoloji, vol.7, no.2, 2018 (Peer-Reviewed Journal)
- IV. **Alcohol Dehydrogenase from Sheep Liver: Purification, Characterization and Impacts of Some Antibiotics**
 Demir Y., ŞENGÜL B., ERĞUN B., BEYDEMİR Ş.
 İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.7, no.3, pp.151-159, 2017 (Peer-Reviewed Journal)
- V. **Türkiye'de Akut Zehirlenmeler**
 ERĞUN B., ILGIN S., ATLI Ö.
 TÜRK TOKSİKOLOJİ DERNEĞİ BÜLTENİ, 2014 (Non Peer-Reviewed Journal)
- VI. **Acute drug poisonings in Eskisehir, Turkey: A retrospective study Eskişehirde akut ilaç zehirlenmeleri: Retrospektif bir çahşma**
 ERGUN B., Cevik A. A., ILGIN S., Atli O., SARAÇOĞLU A., ACAR N., Uzuncakara D.
 Turkish Journal of Pharmaceutical Sciences, vol.10, no.2, pp.303-312, 2013 (Scopus)
- VII. **Acute drug poisonings in Eskisehir Turkey A retrospective study**
 ERGUN B., ÇEVİK A. A., ILGIN S., ATLI Ö., SARAÇOĞLU A., ACAR N., UZUNCAKARA D.
 Turkish Journal of Pharmaceutical Sciences, vol.10, no.2, pp.303-312, 2013 (Scopus)
- VIII. **Acute Drug Poisoning A Retrospective Study**
 ERĞUN B., ÇEVİK A. A., ILGIN S., ATLI Ö., SARAÇOĞLU A., ACAR N., UZUNCAKARA D.
 Turkish Journal of Pharmaceutical Sciences, vol.10, no.2, pp.303-312, 2013 (Peer-Reviewed Journal)
- IX. **Is Carboxyhemoglobin Level A Marker Of The Severity Of Carbon Monoxide Poisoning**
 ELMALIOĞLU M. S., ÖZAKIN E., ÇEVİK A. A., ILGIN S., ATLI Ö., ERGUN B.
 Osmangazi Tip Dergisi, vol.34, no.3, pp.31-41, 2012 (Peer-Reviewed Journal)
- X. **Direct Flow Injection Analysis Assay for the Determination of Amiodarone in Pharmaceutical Formulations**
 ILGIN S., ERGUN B., ALTIOOKA G.
 Anadolu Üniversitesi Bilim ve Teknoloji Dergisi, vol.10, no.2, pp.583-591, 2009 (Peer-Reviewed Journal)

- XI. **Composition of some herbal slimming tea preparations marketed in Turkey and their possible adverse effects** Türkiye'de satılan bazi bitkisel zayıflama çaylarının içerikleri ve bu çayların kullanımına bağlı ortaya çıkabilecek istenmeyen etkiler
SARAÇOĞLU A., ERGUN B.
Turkiye Klinikleri Journal of Medical Sciences, vol.26, no.4, pp.355-363, 2006 (Scopus)
- XII. **Aflatoksinler : Tayin Yöntemleri Üzerine**
ERĞUN B., ALTIOKKA G., ATKOŞAR Z.
Anadolu Üniversitesi Bilim ve Teknoloji Dergisi, 2006 (Peer-Reviewed Journal)
- XIII. **Cytotoxic Effect of Gren Tea Infusion on Human HeLa Cervics Adenocarcinoma Cell Line**
SARAÇOĞLU A., ERĞUN B.
Anadolu Üniversitesi Bilim ve Teknoloji Dergisi, 2006 (Peer-Reviewed Journal)
- XIV. **Effects of sildenafil citrate administration on cardiovascular system of subchronic fluoxetine HCl treated male rats**
SARAÇOĞLU A., ERGUN B., UZUNER K., AYDIN Y.
Turkiye Klinikleri Journal of Medical Sciences, vol.25, no.4, pp.483-488, 2005 (Scopus)
- XV. **Determination of Basic Polyphenolic Compounds in Some Turkish Tea Samples by HPLC Method**
ERĞUN B., SARAÇOĞLU A., ŞENER E., ALTIOKKA G.
Anadolu Üniversitesi Bilim Ve Teknoloji Dergisi, 2004 (Peer-Reviewed Journal)
- XVI. **Fumonisins : Toksisite ve Etki Mekanizmaları Üzerine**
SARAÇOĞLU A., ERĞUN B.
Anadolu Üniversitesi Bilim Ve Teknoloji Dergisi, 2003 (Peer-Reviewed Journal)
- XVII. **The determination of ketorolac tromethamine in pharmaceutical preparations by flow injection analysis using UV detection**
ATKOŞAR Z., Altıokka G., ERGUN B., Genç L.
Acta Pharmaceutica Turcica, vol.43, no.2, pp.143-146, 2001 (Scopus)
- XVIII. **Syntheses of some 2 3 6 trisubstituted quinoxaline derivatives and investigation of their antispasmodic activities**
İşikdağ İ., Uçucu Ü., Benkli K., Gündoğu N., Öztürk Y., Aydin S., Erğun B.
Bollettino Chimico Farmaceutico, vol.135, no.3, pp.199-203, 1996 (Scopus)

Books

- I. **EczÇEP-Eczacılık Fakülteleri Müfredat Detay Çalışması**
AKALIN URUŞAK E., AKEV N., ERGİNER Y., GÜZELDEMİRÇİ N., TOKER S., KOLAK U., ÖZHAN G., GÜNGÖR S., GÜRER Ç., ÖZDEN S., et al.
Kapitta Yayıncılık, 2017

Papers Presented at Peer-Reviewed Scientific Conferences

- I. **EFFECT OF PRENATAL VORTIOXETINE EXPOSE ON EMOTIONAL BEHAVIOUR OF THE OFFSPRING**
YAZICI C., ESER M., CAN Ö. D., ERGUN B.
International Gevher Nesibe Health Sciences Conference-XI, Ankara, Turkey, 10 - 11 October 2023, (Summary Text)
- II. **Mycotoxin analysis of grounded and granulated coffees sold in local markets**
ERĞUN B., SOYSEVEN M., İŞCAN G., ARLİ G.
SciX 2019 presented by Federation of Analytical Chemistry and Spectroscopy Societies, 13 - 18 October 2019, (Summary Text)
- III. **Development of HPLC-DAD and HPLC-ELSD-based analytical methods for the analysis of fluconazole in real samples**

- ERĞUN B., SOYSEVEN M., KEÇİLİ R., ARLİ G.
21st International Conference on Flow Injection Analysis and Related Techniques (ICFIA 2017), St Petersburg, Russia, 3 - 08 September 2017, (Summary Text)
- IV. **Evaluation Of In Vitro Antimicrobial Cytotoxic And Genotoxic Activities Of Ganoderma Lucidum Reishi Mushroom**
ERĞUN B.
Food Safety 2016, 4 - 05 December 2016, (Summary Text)
- V. **Caraway essential oil combinations with antifungal drugs against Candida sp and cytotoxicity assessment**
DEMİRCİ F., GÖGER G., ILGIN S., ERGUN B., DEMİRCİ B.
III. International Conference on Antimicrobial Research 2014 (ICAR 2014), 1 - 03 October 2014
- VI. **The Effects of Gender Difference on MCT induced Toxicity**
ATLI Ö., BAL E., ILGIN S., ERĞUN B., SIRMAGÜL B.
8. Uluslararası Katılımlı Türk Toksikoloji Derneği Kongresi, Turkey, 15 - 18 November 2012
- VII. **Evaluation of Protective Effects of N Acetylcysteine Against MCT Induced Pneumotoxicity and Hepatotoxicity in Rats**
ERGUN B., ILGIN S., ATLI Ö., BURUKOĞLU DÖNMEZ D., KARAGÖZ Ş., PERK B. Ö., SIRMAGÜL B.
10th International Symposium on Pharmaceutical Sciences (ISOPS), 26 - 29 June 2012
- VIII. **Is Carboxyhaemoglobin Level a Marker of the Severity of Carbonmonoxide Poisoning**
ILGIN S., ELMALIOĞLU M. S., ÖZAKIN E., ÇEVİK A. A., ATLI Ö., ERĞUN B.
10th International Symposium on Pharmaceutical Sciences (ISOPS), 26 - 29 June 2012
- IX. **Evaluation of Protective Effects of N Acetylcysteine Against MCT Induced Pneumotoxicity and Hepatotoxicity in Rats**
ERĞUN B., ILGIN S., ATLI Ö., BURUKOĞLU DÖNMEZ D., KARAGÖZ Ş., PERK B. Ö., SIRMAGÜL B.
10th International Symposium on Pharmaceutical Sciences (ISOPS), 26 - 29 June 2012
- X. **Retrospective evaluation of drug related cases admitted to emergency department of Osmangazi University Hospital between 2005 and 2008**
SARAÇOĞLU A., UZUNCAKARA D., ILGIN S., ÇEVİK A. A., ERGUN B.
XII International Congress of Toxicology, 19 - 23 July 2010
- XI. **Determination of Amiodarone Using A Single Channel FIA With No In Line Reaction Process**
ILGIN S., İŞIKDAĞ A., ERGUN B., ALTIOKKA G.
22th Federation of Asian Pharmaceutical Associations Congress, 7 - 10 November 2008
- XII. **Flow Injection Analysis of citalopram Using UV Detection**
ATLI Ö., ERĞUN B., ALTIOKKA G.
22th Federation of Asian Pharmaceutical Associations Congress, 7 - 10 November 2008
- XIII. **Picea pungens yaprak ekstresinin merkezi sinir sistemi üzerine etkileri**
BEKTAŞ N., CAN Ö. D., ÖZTÜRK Y., ERGUN B.
Türk Farmakoloji Derneği 19. Ulusal Farmakoloji Kongresi, Turkey, 24 - 27 October 2007
- XIV. **Determination of Basic Polyphenols by HPLC in Several Tea Types Present in Turkish Market**
ERGUN B., ILGIN S., SARAÇOĞLU A.
7th European Congress of Pharmaceutical Sciences, EUFEPS 2002, 21 - 23 October 2007
- XV. **Consideration of anticarcinogenic activity of lycopene on ER HeLa and LNCaP cancer cells**
ILGIN S., ERGUN B.
The 44th Congress of the European Societies of Toxicology (Eurotox 2007), 7 - 10 October 2007
- XVI. **Evaluation of Cardiotoxic Effect Potential of Ciprofloxacin and Ofloxacin in Juvenile Rats Using Serum Biochemical Parameters**
Saraçoğlu A., Ergun B., Temel H. E., Çolak Ö.
44th Congress of the European Societies of Toxicology, Amsterdam, Netherlands, 7 - 10 October 2007, vol.172, pp.139-140, (Summary Text)
- XVII. **Determination of Hesperidin and Neohesperidin in Fruit Juices Using High Performance Liquid Chromatographic HPLC Method**

ATLI Ö., ERĞUN B., ALTIOKKA G.

The 44th Congress of the European Societies of Toxicology (EUROTOX 2007), 7 - 10 October 2007, (Summary Text)

XVIII. Estrogenic effects of lycopene and beta carotene on ER HeLa and LNcaP cancer cells

ILGIN S., ERGUN B., KORKMAZ S.

The 15th World Congress of Pharmacology, 2 - 07 July 2006

XIX. Osmangazi Üniversitesi Acil Servisine 2003 2004 Yıllarında Başvuran İlaç Nedenli Olguların Değerlendirilmesi

SARAÇOĞLU A., ATLI Ö., ILGIN S., ÇEVİK A. A., ERĞUN B.

I. Ulusal Farmasötik Bakım ve KlinikEczacılık Kongresi, Turkey, 23 - 25 September 2005

XX. A Validated HPLC Method For The Determination of Sildenafil Citrate in Pharmaceutical Dosage Forms

ERGUN B., SARAÇOĞLU A., ILGIN S., ATKOŞAR Z., KIRCALI K., ALTIOKKA G.

7th International Symposium on Pharmaceutical Sciences (ISOPS), 24 - 27 June 2003

XXI. Synthesis, Mutagenicity and Analgesic Activity of Some Tri- and Tetrasubstituted Imidazole Derivatives

İŞİKDAĞ İ., UÇUCU Ü., MERİÇ A., GÜNDÖĞDU KARABURUN N., AYDIN S., ERĞUN B.

6th European Congress of Pharmaceutical Sciences (EUFEPS 2000), 16 - 19 September 2000, (Summary Text)

XXII. Synthesis and antispasmodic activity of some 2,5-di and 1,2,5-trisubstituted benzimidazole compounds.

UÇUCU Ü., İŞİKDAĞ İ., GÜNDÖĞDU KARABURUN N., KARABURUN A. Ç., MERİÇ A., ÖZTÜRK Y., AYDIN S., ERĞUN B.
EUFEPS2000 (EUROPEAN FEDERATION FOR PHARMACEUTICAL SCIENCES) 6th EUROPEAN CONGRESS OF PHARMACEUTICAL SCIENCES, Budapest, Hungary, 16 - 19 September 2000, vol.11, pp.118-119, (Summary Text)

XXIII. Synthesis and antispasmodic activity of some 2- and 1,2-disubstituted 4,5,6,7-tetrahydrobenzimidazoles.

İŞİKDAĞ İ., UÇUCU Ü., GÜNDÖĞDU KARABURUN N., KARABURUN A. Ç., MERİÇ A., ÖZTÜRK Y., AYDIN S., ERĞUN B.
EUFEPS2000 (EUROPEAN FEDERATION FOR PHARMACEUTICAL SCIENCES) 6th EUROPEAN CONGRESS OF PHARMACEUTICAL SCIENCES, Budapest, Hungary, 16 - 19 September 2000, vol.11, pp.110-111, (Summary Text)

XXIV. Studies on the Synthesis of Some Imidacloprid Derivatives and Their Insecticide Activities

İŞİKDAĞ İ., UÇUCU Ü., MERİÇ A., GÜNDÖĞDU KARABURUN N., ERĞUN B.

5th International Symposium on Pharmaceutical Sciences (ISOPS-5), 24 - 27 June 1997, (Summary Text)

Funded Projects

Ahî Eklioğlu Ö., İlgin S., Ergun B., Project Supported by Higher Education Institutions, Pulmoner Hipertansiyonda Basınç Artışına Sekonder Olarak Gelişen Matriks Metalloproteinaz Aktivite Farklılıklarının Fonksiyonel Yanıtlarla Karşılaştırılması, 2010 - 2012