

## Prof. BÜLENT ERGUN

### Personal Information

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### International Researcher IDs

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### Education Information

Doctorate, Eskisehir Osmangazi University, Sağlık Bilimleri Enstitüsü, T. Farmakoloji Ve Toksikoloji (YI) (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 Etkileri Nerium Oleander'in Bazı Suda Çözünen Bileşiklerinin in vitro Biyolojik Etkileri, Eskisehir Osmangazi University, Sağlık Bilimleri Enstitüsü, T. Farmakoloji Ve Toksikoloji (YI) (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

### Academic Titles / Tasks

Professor, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ 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, 2020 - Continues

Anadolu University, 1993 - Continues

Anadolu University, 2008 - 2011

Anadolu University, 2001 - 2010

### Courses

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 Çevre Toksikolojisi ve Pestisitler, Postgraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 -

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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  
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

## Published journal articles indexed by 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 EKLIÖĞLU 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 EKLIÖĞLU 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)

## Articles Published in Other Journals

- I. **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 EKLIÖĞLU Ö.  
Anadolu University Health Sciences Institute, vol.2, 2023 (Peer-Reviewed Journal)
- II. **YÜKSEK PERFORMANSLI SIVI KROMATOĞRAFİSİ İLE YEREL MARKETLERDE SATILAN KAHVELERİN OKRATOKSİN A İÇERİĞİNİN İNCELENMESİ**  
ERĞUN B., SOYSEVEN M., İŞCAN G., ARLI G.  
Anadolu Üniversitesi Bilim ve Teknoloji Dergisi :C-Yaşam Bilimleri ve Biyoteknoloji, vol.7, no.2, 2018 (Peer-

Reviewed Journal)

- III. **Alcohol Dehydrogenase from Sheep Liver: Purification, Characterization and Impacts of Some Antibiotics**  
Demir Y., ŞENGÜL B., ERĞÜN B., BEYDEMİR Ş.  
İğdir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.7, no.3, pp.151-159, 2017 (Peer-Reviewed Journal)
- IV. **Türkiye’de Akut Zehirlenmeler**  
ERĞÜN B., ILGIN S., ATLI Ö.  
TÜRK TOKSİKOLOJİ DERNEĞİ BÜLTENİ, 2014 (Non Peer-Reviewed Journal)
- V. **Acute drug poisonings in Eskisehir, Turkey: A retrospective study** Eskisehirde akut ilaç zehirlenmeleri: Retrospektif bir çalışma  
ERGÜN 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)
- VI. **Acute Drug Poisoning A Retrospective Study**  
ERĞÜN 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)
- VII. **Cytotoxic Effect of Green Tea Infusion on Human HeLa Cervix Adenocarcinoma Cell Line**  
SARAÇOĞLU A., ERĞÜN B.  
Anadolu Üniversitesi Bilim ve Teknoloji Dergisi, 2006 (Peer-Reviewed Journal)
- VIII. **Aflatoksinler : Tayin Yöntemleri Üzerine**  
ERĞÜN B., ALTIOKKA G., ATKOŞAR Z.  
Anadolu Üniversitesi Bilim ve Teknoloji Dergisi, 2006 (Peer-Reviewed Journal)
- IX. **Effects of sildenafil citrate administration on cardiovascular system of subchronic fluoxetine HCl treated male rats**  
SARAÇOĞLU A., ERGÜN B., UZUNER K., AYDIN Y.  
Türkiye Klinikleri Journal of Medical Sciences, vol.25, no.4, pp.483-488, 2005 (Scopus)
- X. **Determination of Basic Polyphenolic Compounds in Some Turkish Tea Samples by HPLC Method**  
ERĞÜN B., SARAÇOĞLU A., ŞENER E., ALTIOKKA G.  
Anadolu Üniversitesi Bilim Ve Teknoloji Dergisi, 2004 (Peer-Reviewed Journal)
- XI. **Fumonisinler : Toksikite ve Etki Mekanizmaları Üzerine**  
SARAÇOĞLU A., ERĞÜN B.  
Anadolu Üniversitesi Bilim Ve Teknoloji Dergisi, 2003 (Peer-Reviewed Journal)
- XII. **The determination of ketorolac tromethamine in pharmaceutical preparations by flow injection analysis using UV detection**  
ATKOŞAR Z., Altiookka G., ERGÜN B., Genç L.  
Acta Pharmaceutica Turcica, vol.43, no.2, pp.143-146, 2001 (Scopus)
- XIII. **Syntheses of some 2 3 6 trisubstituted quinoxaline derivatives and investigation of their antispasmodic activities**  
Işıkdag İ., Uçucu Ü., Benkli K., Gündoğdu N., Öztürk Y., Aydın S., Erğün B.  
Bollettino Chimico Farmaceutico, vol.135, no.3, pp.199-203, 1996 (Scopus)

### **Refereed Congress / Symposium Publications in Proceedings**

- I. **EFFECT OF PRENATAL VORTIOXETINE EXPOSE ON EMOTIONAL BEHAVIOUR OF THE OFFSPRING**  
YAZICI C., ESER M., CAN Ö. D., ERGÜN B.  
International Gevher Nesibe Health Sciences Conference-XI, Ankara, Turkey, 10 - 11 October 2023
- II. **Mycotoxin analysis of grounded and granulated coffees sold in local markets**  
ERĞÜN B., SOYSEVEN M., İŞCAN G., ARLI G.  
ScIX 2019 presented by Federation of Analytical Chemistry and Spectroscopy Societies, 13 - 18 October 2019
- 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., ARLI G.

21st International Conference on Flow Injection Analysis and Related Techniques (ICFIA 2017), St Petersburg, Russia, 3 - 08 September 2017

- IV. **Evaluation Of In Vitro Antimicrobial Cytotoxic And Genotoxic Activities Of Ganoderma Lucidum Reishi Mushroom**  
ERĞUN B.  
Food Safety 2016, 4 - 05 December 2016
- V. **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
- VI. **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
- VII. **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
- VIII. **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
- IX. **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
- X. **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 Klinik Eczacılık Kongresi, Turkey, 23 - 25 September 2005
- XI. **Synthesis and antispasmodic activity of some 2- and 1,2-disubstituted 4,5,6,7-tetrahydrobenzimidazoles.**  
IŞIKDAĞ İ., UÇUCU Ü., GÜNDOĞDU 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
- XII. **Synthesis and antispasmodic activity of some 2,5-di and 1,2,5-trisubstituted benzimidazole compounds.**  
UÇUCU Ü., IŞIKDAĞ İ., GÜNDOĞDU 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
- XIII. **Synthesis, Mutagenicity and Analgesic Activity of Some Tri- and Tetrasubstituted Imidazole Derivatives**  
IŞIKDAĞ İ., UÇUCU Ü., MERİÇ A., GÜNDOĞDU KARABURUN N., AYDIN S., ERĞUN B.  
6th European Congress of Pharmaceutical Sciences (EUFEPS 2000), 16 - 19 September 2000
- XIV. **Studies on the Synthesis of Some Imidacloprid Derivatives and Their Insecticide Activities**  
IŞIKDAĞ İ., UÇUCU Ü., MERİÇ A., GÜNDOĞDU KARABURUN N., ERĞUN B.  
5th International Symposium on Pharmaceutical Sciences (ISOPS-5), 24 - 27 June 1997

## Supported Projects

ATLI EKLIÖĞLU Ö., ILGIN S., ERGUN B., Pulmoner Hipertansiyonda Basınç Artışına Sekonder Olarak Gelişen Matriks Metalloproteinaz Aktivite Farklılıklarının Fonksiyonel Yanıtlarla Karşılaştırılması, Continues