

## Prof. SİNEM ILGIN

### Personal Information

**Office Phone:** [+90 222 335 0580](tel:+902223350580) Extension: 3756

**Fax Phone:** [+90 222 335 0750](tel:+902223350750)

**Email:** [silgin@anadolu.edu.tr](mailto:silgin@anadolu.edu.tr)

**Web:** <https://avesis.anadolu.edu.tr/silgin>

### International Researcher IDs

ScholarID: 1687179735519

ORCID: 0000-0001-7331-1975

Publons / Web Of Science ResearcherID: HSE-7965-2023

ScopusID: 8640880800

Yoksis Researcher ID: 51417

### Education Information

Doctorate, Eskisehir Osmangazi University, Sağlık Bilimleri Enstitüsü, Tıbbi Farmakoloji (Dr), Turkey 2005 - 2009

Postgraduate, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Toksikoloji (YI) (Tezli), Turkey 2001 - 2004

Undergraduate, Anadolu University, ECZACILIK FAKÜLTESİ, Eczacılık Pr., Turkey 1997 - 2001

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, Pulmoner arteriyel hipertansiyon tedavisinde Sildenafil Everolimus kombinasyonunun potansiyel etkisi, Eskisehir Osmangazi University, Sağlık Bilimleri Enstitüsü, Tıbbi Farmakoloji (Dr), 2009

Postgraduate, Likopenin ER( ) HeLa ve LNCaP kanser hücreleri üzerinde antikarsinojenik aktivitesinin değerlendirilmesi, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Toksikoloji (YI) (Tezli), 2004

### Research Areas

Pharmaceutical Toxicology

### Academic Titles / Tasks

Associate Professor, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 2016 - Continues

Assistant Professor, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 2010 - 2016

Research Assistant, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 2001 - 2010

## Academic and Administrative Experience

Anadolu University, 2014 - Continues

Anadolu University, 2014 - Continues

## Courses

MEZUNİYET PROJESİ, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012

ANALİTİK TOKSİKOLOJİK YÖNTEMLER, Undergraduate, 2014 - 2015

FARMASÖTİK TOKSİKOLOJİ II, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2010 - 2011

ANALİTİK TOKSİKOLOJİK YÖNTEMLER, Postgraduate, 2013 - 2014, 2011 - 2012

BESİN TOKSİKOLOJİSİ, Postgraduate, 2013 - 2014

İLAÇ ZEHİRLENME BİLGİSİ, Associate Degree, 2013 - 2014, 2012 - 2013

TOKSİKOLOJİK AÇIDAN RİSK DEĞERLENDİRMESİ, Undergraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011

TOKSİKOLOJİ VE ÇEVRE SAĞLIĞI, Associate Degree, 2011 - 2012, 2010 - 2011

FARMASÖTİK TOKSİKOLOJİ UYGULAMA, Undergraduate, 2011 - 2012, 2010 - 2011

FARMASÖTİK TOKSİKOLOJİ II, Postgraduate, 2011 - 2012

FARMASÖTİK TOKSİKOLOJİ I, Undergraduate, 2011 - 2012, 2010 - 2011

## Advising Theses

SİNEM I., Asemptomatik Karotis Arter Stenoza Olan Hastalarda Olası İmmün Modülasyonun ve Oksidatif Hasarın Değerlendirilmesi, Doctorate, A.BURAK(Student), 2021

İlgin S., Zonisamidin reproduktif toksisitesinin erkek sıçanlarda değerlendirilmesi, Postgraduate, A.BURAK(Student), 2018

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Investigation of anticancer effects of novel piperidine-oxadiazole and piperidine-triazole derivatives as VEGFR inhibitors and evaluation of their molecular docking-dynamic studies**  
OSMANIYE D., Ali S. J. H., Celikates B., ILGIN S., ÖZKAY Y., KAPLANCIKLI Z. A.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1316, 2024 (SCI-Expanded)
- II. **Evaluation of serum neopterin levels in severe COVID-19 patients: An observational study**  
Gurcu S., Kaya Z. I., Uncu A., YORULMAZ G., ILGIN S.  
MEDICINE, vol.103, no.30, 2024 (SCI-Expanded)
- III. **Assessment of the toxicity of different antiretroviral drugs and their combinations on Sertoli and Leydig cells**  
BAYSAL M., KARADUMAN A. B., KORKUT ÇELİKATEŞ B., ATLI EKİÖĞLU Ö., ILGIN S.  
DRUG AND CHEMICAL TOXICOLOGY, 2024 (SCI-Expanded)
- IV. **Effects of quetiapine administration on sperm quality and testicular histology**  
KORKUT ÇELİKATEŞ B., KILIÇ V., ATLI EKİÖĞLU Ö., BAYSAL M., Aydogan-Kilic G., Ucarcan S., ILGIN S.  
DRUG AND CHEMICAL TOXICOLOGY, vol.45, no.5, pp.2379-2387, 2022 (SCI-Expanded)
- V. **Synthesis of novel benzothiazole derivatives and investigation of their enzyme inhibitory effects against Alzheimer's disease**  
Karaca Ş., Osmaniye D., Sağlık B. N., Levent S., İlgin S., Özkay Y., Karaburun A. Ç., Kaplancıklı Z. A., Gündoğdu-Karaburun N.  
RSC ADVANCES, vol.12, no.36, pp.23626-23636, 2022 (SCI-Expanded)
- VI. **Adverse effects of antiepileptic drugs on hormones of the hypothalamic-pituitary-gonadal axis in**

**males: A review**

ATLI EKLIÖĞLU Ö., ILGIN S.

TOXICOLOGY, vol.465, 2022 (SCI-Expanded)

- VII. **Design, synthesis, in vitro and in silico studies of some novel triazoles as anticancer agents for breast cancer**  
OSMANIYE D., SAĞLIK B. N., LEVENT S., ILGIN S., ÖZKAY Y., KAPLANCIKLI Z. A.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1246, 2021 (SCI-Expanded)
- VIII. **Synthesis of new hydrazone derivatives and evaluation of their monoamine oxidase inhibitory activity**  
TOK F., SAĞLIK B. N., ÖZKAY Y., ILGIN S., KAPLANCIKLI Z. A., KAYMAKÇIOĞLU B.  
BIOORGANIC CHEMISTRY, vol.114, 2021 (SCI-Expanded)
- IX. **Olanzapine induced reproductive toxicity in male rats**  
Ardic C. M., ILGIN S., BAYSAL M., KARADUMAN A. B., KILIÇ V., Aydogan-Kilic G., Ucarcan S., ATLI EKLIÖĞLU Ö.  
SCIENTIFIC REPORTS, vol.11, no.1, 2021 (SCI-Expanded)
- X. **Risperidone induced reproductive toxicity in male rats targeting leydig cells and hypothalamic-pituitary-gonadal axis by inducing oxidative stress**  
Gormus G., ILGIN S., BAYSAL M., KARADUMAN A. B., KILIÇ V., Aydogan-Kilic G., Karagoz O., ATLI EKLIÖĞLU Ö.  
ANDROLOGIA, vol.53, no.1, 2021 (SCI-Expanded)
- XI. **Synthesis of some new benzoxazole derivatives and investigation of their anticancer activities**  
OSMANIYE D., KORKUT ÇELİKATEŞ B., SAĞLIK B. N., LEVENT S., ACAR ÇEVİK U., ÇAVUŞOĞLU B. K., ILGIN S., ÖZKAY Y., KAPLANCIKLI Z. A.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.210, 2021 (SCI-Expanded)
- XII. **Design, Synthesis, In Vitro and In Silico Studies of New Thiazolyldiazine-Piperazine Derivatives as Selective MAO-A Inhibitors**  
SAĞLIK B. N., Cebeci O., ACAR ÇEVİK U., OSMANİYE D., LEVENT S., Kaya cavusoglu B., ILGIN S., ÖZKAY Y., KAPLANCIKLI Z. A.  
MOLECULES, vol.25, no.18, 2020 (SCI-Expanded)
- XIII. **The adverse effects of psychotropic drugs as an endocrine disrupting chemicals on the hypothalamic-pituitary regulation in male**  
ILGIN S.  
LIFE SCIENCES, vol.253, 2020 (SCI-Expanded)
- XIV. **Multifunctional quinoxaline-hydrazone derivatives with acetylcholinesterase and monoamine oxidases inhibitory activities as potential agents against Alzheimer's disease**  
Cevik U., OSMANİYE D., SAĞLIK B. N., KAYA ÇAVUŞOĞLU B., LEVENT S., KARADUMAN A. B., ILGIN S., KARABURUN A. Ç., ÖZKAY Y., KAPLANCIKLI Z. A., et al.  
MEDICINAL CHEMISTRY RESEARCH, vol.29, no.6, pp.1000-1011, 2020 (SCI-Expanded)
- XV. **Synthesis, Docking Studies and Biological Activity of New Benzimidazole- Triazolothiadiazine Derivatives as Aromatase Inhibitor**  
ACAR ÇEVİK U., ÇAVUŞOĞLU B. K., SAĞLIK B. N., OSMANİYE D., LEVENT S., ILGIN S., ÖZKAY Y., KAPLANCIKLI Z. A.  
MOLECULES, vol.25, no.7, 2020 (SCI-Expanded)
- XVI. **Synthesis of novel benzimidazole-oxadiazole derivatives as potent anticancer activity**  
ACAR ÇEVİK U., OSMANİYE D., KAYA ÇAVUŞOĞLU B., SAĞLIK B. N., LEVENT S., ILGIN S., CAN N. Ö., ÖZKAY Y., KAPLANCIKLI Z. A.  
MEDICINAL CHEMISTRY RESEARCH, vol.28, no.12, pp.2252-2261, 2019 (SCI-Expanded)
- XVII. **Synthesis, molecular docking analysis and carbonic anhydrase I-II inhibitory evaluation of new sulfonamide derivatives**  
SAĞLIK B. N., ACAR ÇEVİK U., OSMANİYE D., LEVENT S., KAYA ÇAVUŞOĞLU B., Demir Y., ILGIN S., ÖZKAY Y., KOPARAL A. S., BEYDEMİR Ş., et al.  
BIOORGANIC CHEMISTRY, vol.91, 2019 (SCI-Expanded)
- XVIII. **In vitro and in silico evaluation of new thiazole compounds as monoamine oxidase inhibitors**

- Sağlık B. N., Kaya Çavuşoğlu B., Osmaniye D., Levent S., Acar Çevik U., Ilgin S., Özkay Y., Kaplançıklı Z. A., Öztürk Y. BIOORGANIC CHEMISTRY, pp.97-108, 2019 (SCI-Expanded)
- XIX. **Synthesis and antimicrobial activity of new 2-((1-furan-2-yl)ethylidene)hydrazono)-4-phenylthiazol-3(2H)-amine derivatives and their schiff bases with 4-nitrobenzaldehyde**  
Turan-Zitoun G., SAĞLIK B. N., ACAR ÇEVİK U., LEVENT S., ILGIN S., Hussein W. PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.193, no.11, pp.744-751, 2018 (SCI-Expanded)
- XX. **Antimicrobial and toxicity profiles evaluation of the Chamomile (*Matricaria recutita* L.) essential oil combination with standard antimicrobial agents**  
Goger G., DEMİRCİ B., ILGIN S., DEMİRCİ F. INDUSTRIAL CROPS AND PRODUCTS, vol.120, pp.279-285, 2018 (SCI-Expanded)
- XXI. **Design and evaluation of biological activities of 1,3-oxazolidinone derivatives bearing amide, sulfonamide, and thiourea moieties**  
Karaman N., Zainel R. A., KAPKAÇ H. A., Gencer H. K., ILGIN S., KARADUMAN A. B., Karakucuk-Iyidogan A., Oruc-Emre E. E., KAYMAKÇIOĞLU B. ARCHIV DER PHARMAZIE, vol.351, no.9, 2018 (SCI-Expanded)
- XXII. **Evidence for cardiotoxicity associated with sertraline in rats**  
ILGIN S., KILIÇ V., BAYSAL M., AYDOĞAN KILIÇ G., Ucarcan S., Dermenci B., ATLI EKLİOĞLU Ö. TOXICOLOGY RESEARCH, vol.7, no.5, pp.817-825, 2018 (SCI-Expanded)
- XXIII. **Synthesis and Biological Evaluation of New Cholinesterase Inhibitors for Alzheimer's Disease**  
Hussein W., SAĞLIK B. N., LEVENT S., Korkut B., ILGIN S., ÖZKAY Y., KAPLANCIKLI Z. A. MOLECULES, no.8, 2018 (SCI-Expanded)
- XXIV. **Synthesis of New Benzothiazole Acylhydrazones as Anticancer Agents**  
OSMANIYE D., LEVENT S., KARADUMAN A. B., ILGIN S., ÖZKAY Y., KAPLANCIKLI Z. A. MOLECULES, vol.23, no.5, 2018 (SCI-Expanded)
- XXV. **Antiproliferative, Cytotoxic, and Apoptotic Effects of New Benzimidazole Derivatives Bearing Hydrazone Moiety**  
ACAR ÇEVİK U., SAĞLIK B. N., KORKUT ÇELİKATES B., ÖZKAY Y., ILGIN S. JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.55, no.1, pp.138-148, 2018 (SCI-Expanded)
- XXVI. **Toxic effects of trazodone on male reproductive system via disrupting hypothalamic-pituitary-testicular axis and inducing testicular oxidative stress**  
ILGIN S., Aydoğan-Kiliç G., BAYSAL M., Kiliç V., Ardiç M., Uçarcan Ş., Atli Ö. Oxidative Medicine and Cellular Longevity, vol.2018, 2018 (SCI-Expanded)
- XXVII. **Synthesis and Evaluation of a Series of 1,3,4-Thiadiazole Derivatives as Potential Anticancer Agents**  
ALTINTOP M. D., SEVER B., ÖZDEMİR A., ILGIN S., ATLI EKLİOĞLU Ö., Turan-Zitouni G., KAPLANCIKLI Z. A. ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.18, no.11, pp.1606-1616, 2018 (SCI-Expanded)
- XXVIII. **Synthesis and Anticandidal Activity Evaluation of New Benzimidazole-Thiazole Derivatives**  
KAPLANCIKLI Z. A., LEVENT S., OSMANIYE D., SAĞLIK B. N., ACAR ÇEVİK U., KAYA ÇAVUŞOĞLU B., ÖZKAY Y., ILGIN S. MOLECULES, vol.22, no.12, 2017 (SCI-Expanded)
- XXIX. **Design and Synthesis of New Benzothiazole Compounds as Selective hMAO-B Inhibitors**  
ILGIN S., OSMANIYE D., LEVENT S., SAĞLIK B. N., ACAR ÇEVİK U., Cavusoglu B. K., ÖZKAY Y., KAPLANCIKLI Z. A. MOLECULES, vol.22, no.12, 2017 (SCI-Expanded)
- XXX. **Sertraline-induced reproductive toxicity in male rats: evaluation of possible underlying mechanisms**  
ATLI EKLİOĞLU Ö., BAYSAL M., Aydogan-Kilic G., KILIÇ V., Ucarcan S., KARADUMAN A. B., ILGIN S. ASIAN JOURNAL OF ANDROLOGY, vol.19, no.6, pp.672-679, 2017 (SCI-Expanded)
- XXXI. **Synthesis of New Hydrazone Derivatives for MAO Enzymes Inhibitory Activity**  
CAN N. Ö., OSMANIYE D., LEVENT S., SAĞLIK B. N., İnci B., ILGIN S., ÖZKAY Y., KAPLANCIKLI Z. A. MOLECULES, vol.22, no.8, 2017 (SCI-Expanded)
- XXXII. **MAO enzymes inhibitory activity of new benzimidazole derivatives including hydrazone and propargyl side chains**

- CAN Ö. D., OSMANİYE D., DEMİR ÖZKAY Ü., SAĞLIK B. N., LEVENT S., ILGIN S., BAYSAL M., ÖZKAY Y., KAPLANCIKLI Z. A.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.131, pp.92-106, 2017 (SCI-Expanded)
- XXXIII. **New Benzimidazole-1,2,4-Triazole Hybrid Compounds: Synthesis, Anticandidal Activity and Cytotoxicity Evaluation**  
Gencer H. K., Acar Çevik U., Levent S., Sağlık B. N., Korkut Çelikeş B., Özkay Y., Ilgın S., Öztürk Y.  
MOLECULES, vol.22, no.4, 2017 (SCI-Expanded)
- XXXIV. **Reproductive toxicity after levetiracetam administration in male rats: Evidence for role of hormonal status and oxidative stress**  
BAYSAL M., ILGIN S., AYDOĞAN KILIÇ G., KILIÇ V., Ucarcan S., ATLI EKLİOĞLU Ö.  
PLOS ONE, vol.12, no.4, 2017 (SCI-Expanded)
- XXXV. **Citalopram Induces Reproductive Toxicity in Male Rats**  
ILGIN S., AYDOĞAN KILIÇ G., BAYSAL M., KILIÇ V., KORKUT ÇELİKATEŞ B., Ucarcan S., ATLI EKLİOĞLU Ö.  
BIRTH DEFECTS RESEARCH, vol.109, no.7, pp.475-485, 2017 (SCI-Expanded)
- XXXVI. **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)
- XXXVII. **Design, synthesis, and evaluation of novel 2-phenylpropionic acid derivatives as dual COX inhibitory-antibacterial agents**  
Gencer H. K., ACAR ÇEVİK U., KAYA ÇAVUŞOĞLU B., SAĞLIK B. N., LEVENT S., ATLI EKLİOĞLU Ö., ILGIN S., ÖZKAY Y., KAPLANCIKLI Z. A.  
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.32, no.1, pp.732-745, 2017 (SCI-Expanded)
- XXXVIII. **Design, synthesis, and AChE inhibitory activity of new benzothiazole-piperazines**  
DEMİR ÖZKAY Ü., CAN Ö. D., SAĞLIK B. N., ACAR ÇEVİK U., LEVENT S., ÖZKAY Y., ILGIN S., ATLI EKLİOĞLU Ö.  
BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, vol.26, no.22, pp.5387-5394, 2016 (SCI-Expanded)
- XXXIX. **Synthesis of new donepezil analogues and investigation of their effects on cholinesterase enzymes**  
SAĞLIK B. N., ILGIN S., ÖZKAY Y.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.124, pp.1026-1040, 2016 (SCI-Expanded)
- XL. **Synthesis and biological evaluation of new naphthalene substituted thiosemicarbazone derivatives as potent antifungal and anticancer agents**  
ALTINTOP M. D., ATLI EKLİOĞLU Ö., ILGIN S., DEMİREL R., ÖZDEMİR A., KAPLANCIKLI Z. A.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.108, pp.406-414, 2016 (SCI-Expanded)
- XLI. **Ciprofloxacin-induced neurotoxicity: Evaluation of possible underlying mechanisms**  
ILGIN S., Can O. D., Atli O., Ucel U. I., ŞENER E., Guven I.  
Toxicology Mechanisms and Methods, vol.25, no.5, pp.374-381, 2015 (SCI-Expanded)
- XLII. **Evaluation of the reproductive toxicity of naproxen sodium and meloxicam in male rats**  
Uzun B., Atli O., Perk B., Burukoglu D., ILGIN S.  
Human and Experimental Toxicology, vol.34, no.4, pp.415-429, 2015 (SCI-Expanded)
- XLIII. **A novel series of thiazolyl-pyrazoline derivatives: Synthesis and evaluation of antifungal activity, cytotoxicity and genotoxicity**  
Altintop M. D., Özdemir A., Turan-Zitouni G., Ilgın S., Atli Ö., Demirel R., Kaplancıklı Z. A.  
European Journal of Medicinal Chemistry, vol.92, pp.342-352, 2015 (SCI-Expanded)
- XLIV. **Evaluation of azithromycin induced cardiotoxicity in rats**  
ATLI EKLİOĞLU Ö., ILGIN S., Altuntas H., BURUKOĞLU DÖNMEZ D.  
INTERNATIONAL JOURNAL OF CLINICAL AND EXPERIMENTAL MEDICINE, vol.8, no.3, pp.3681-3690, 2015 (SCI-Expanded)
- XLV. **In vitro antitumor activity evaluation of some 1,2,4-triazine derivatives bearing piperazine amide moiety against breast cancer cells**  
YURTTAŞ L., Demirayak Ş., ILGIN S., Atli Ö.  
Bioorganic and Medicinal Chemistry, vol.22, no.22, pp.6313-6323, 2014 (SCI-Expanded)

- XLVI. **Synthesis and in Vitro Evaluation of New Nitro-Substituted Thiazolyl Hydrazone Derivatives as Anticandidal and Anticancer Agents**  
ALTINTOP M. D., ÖZDEMİR A., Turan-Zitouni G., ILGIN S., ATLI EKLIÖĞLU Ö., DEMİRCİ F., KAPLANCIKLI Z. A. MOLECULES, vol.19, no.9, pp.14809-14820, 2014 (SCI-Expanded)
- XLVII. **Synthesis and Biological Evaluation of New Pyrazole-based Thiazolyl Hydrazone Derivatives as Potential Anticancer Agents**  
ALTINTOP M. D., ÖZDEMİR A., ILGIN S., ATLI EKLIÖĞLU Ö.  
LETTERS IN DRUG DESIGN & DISCOVERY, vol.11, no.7, pp.833-839, 2014 (SCI-Expanded)
- XLVIII. **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)
- XLIX. **Acute and Subchronic Toxic Effects of the Fruits of Physalis peruviana L.**  
Perk B. O., ILGIN S., ATLI EKLIÖĞLU Ö., Duymus H. G., SIRMAGÜL B.  
EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE, vol.2013, 2013 (SCI-Expanded)
- L. **Assessment of the Endothelial Functions in Monocrotaline-induced Pulmonary Hypertension**  
SIRMAGÜL B., ILGIN S., ATLI EKLIÖĞLU Ö., Usanmaz S. E., DEMİREL YILMAZ E.  
CLINICAL AND EXPERIMENTAL HYPERTENSION, vol.35, no.3, pp.220-227, 2013 (SCI-Expanded)
- LI. **Synthesis and biological evaluation of some hydrazone derivatives as new anticandidal and anticancer agents**  
ALTINTOP M. D., ÖZDEMİR A., Turan-Zitouni G., ILGIN S., ATLI EKLIÖĞLU Ö., İŞCAN G., KAPLANCIKLI Z. A. EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.58, pp.299-307, 2012 (SCI-Expanded)
- LII. **Effects of Everolimus in Combination with Sildenafil in Monocrotaline-induced Pulmonary Hypertension in Rats**  
ILGIN S., BURUKOĞLU DÖNMEZ D., ATLI EKLIÖĞLU Ö., SIRMAGÜL B.  
CARDIOVASCULAR TOXICOLOGY, vol.12, no.1, pp.46-55, 2012 (SCI-Expanded)
- LIII. **Consideration of anticarcinogenic activity of lycopene on ER(+) HeLa and LNCaP cancer cells**  
Ilgin S., Ergun B.  
TOXICOLOGY LETTERS, vol.172, 2007 (SCI-Expanded)
- LIV. **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)
- LV. **Validation of a reversed-phase HPLC method for the analysis of sildenafil citrate in pharmaceutical preparations and in spiked human plasma**  
Ergun B., Saracoglu A., Ilgin S., Atkosar Z., Kircali K., Altioikka G.  
JOURNAL OF LIQUID CHROMATOGRAPHY & RELATED TECHNOLOGIES, vol.28, no.10, pp.1539-1548, 2005 (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. **Evaluation of the hepatotoxic potential of citalopram in rats**  
ILGIN S., Dagan F., BURUKOĞLU DÖNMEZ D., BAYSAL M., ATLI EKLIÖĞLU Ö.  
ISTANBUL JOURNAL OF PHARMACY, vol.50, no.3, pp.188-194, 2020 (ESCI)
- III. **ASSESSMENT OF HEPATOTOXIC EFFECTS OF QUETIAPINE AT REPEATED DOSES IN RATS**  
ILGIN S., BURUKOĞLU DÖNMEZ D., BAYSAL M., HİNİS Ö., ATLI EKLIÖĞLU Ö.  
Anadolu Üniversitesi Bilim ve Teknoloji Dergisi - C Yaşam Bilimleri Ve Biyoteknoloji, vol.7, pp.196-206, 2018 (Peer-Reviewed Journal)

- IV. **Türkiye’de Akut Zehirlenmeler**  
ERĞUN 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  
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)
- VI. **Acute Drug Poisoning A Retrospective Study**  
ERĞUN B., ÇEVİK A. A., ILGIN S., ATLI Ö., SARAÇOĞLU A., ACAR N., UZUNCAKARA D.  
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- VII. **Acute drug poisonings in Eskisehir Turkey A retrospective study**  
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- I. **Evaluation of Toxicity of Some Antiretroviral Drugs and Their Combinations on Sertoli And Leydig Cells**  
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- IV. **Adverse Effects of Psychoactive Drugs on Sperm Parameters: The Role of The Hypothalamic-Pituitary-Gonadal Axis**  
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- V. **Synthesis of some novel sulfonamide based compounds and investigation of inhibition effects on carbonic anhydrase isoenzymes**  
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- VI. **2-[-(1-(Furan-2-yl)ethylidene)hydrazono]-N-(4-nitrobenzylidene)-4-phenylthiazol-3(2H)-amine Derivatives and Their Antifungal Activities.**  
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- X. **Synthesis and Antimicrobial Activity of Amide, Sulfonamide and Thiourea Derivatives Bearing 1,3-Oxazolidinones**  
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- XI. **Synthesis and Evaluation of New Benzothiazole Derivatives as Potential Anti-Breast Cancer Agents**  
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- XIV. **Synthesis, enzyme inhibition and molecular docking studies of new hydrazone derivatives as monoamine oxidase inhibitors**  
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- XV. **Synthesis of Novel Benzothiazole-Hydrazone Derivatives as Potential MAO Enzymes Inhibitors**  
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- XVIII. **Synthesis, Characterization and Molecular Docking Study of Some Novel Fluroquinolone Derivatives as Potential DNA Gyrase Inhibitors**  
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- XIX. **Synthesis of new thiazolyhydrazine derivatives and evaluation of their monoamine oxidase A/B inhibitory activity**  
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- XX. **Synthesis and Anticandidal Activity of New Benzimidazole- 1,2,4-Triazole Derivatives**  
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- XXI. **Design, synthesis and anticancer activity of 2-((5-substitutedbenzo[d]thiazol-2-yl)thio)-N'xx-(4-substitutedbenzylidene) acetohydrazide**  
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- XXV. **Tekrarlayan SSRI İlaç Uygulamalarının Erkek Reprodktif Sistem Toksisitesinin Sıçanlarda Değerlendirilmesi**  
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- XXVII. **Synthesis of new donepezil analogues and evaluation of their cholinesterase inhibitory activity**  
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- XXVIII. **Synergistical antifungal combination of Foeniculi aetheroleum with oxiconazole and terbinafine against human pathogenic Candida strains**  
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- XXIX. **Evaluation of the Reproductive Toxicity of Sertraline in Male Rats**  
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- XXX. **Evaluation of Potential Cardiotoxicity of Citalopram in Rats**  
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- XXXV. **Neurotoxicity Assessment of Amoxicillin in Juvenile Rats**  
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- XXXVI. **Evaluation of Quetiapine Induced Hepatotoxicity in Rats**  
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- XL. **Synthesis of Some Thiazolyl Pyrazoline Derivates and Evaluation of antimicrobial activity cytotoxicity and Genotoxicity**  
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- XLII. **Synthesis of Some Thiazolyl Pyrazoline Derivatives and Evaluation of Antimicrobial Activity**

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- XLIII. **Synthesis of Thiosemicarbazone Derivates as New Anticancer Agents Against A549 Human Lung Adenocarcinoma Cells**  
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- XLV. **Synthesis of New Thiocarbazon Derivates as New Anticancer Agents Against A549 Human Lung Adenocarcinoma Cells**  
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- XLVII. **Pimpinella anisum L essential oil and combination with antifungal drugs against Candida species and cytotoxicity of selected compounds**  
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- XLVIII. **Synthesis of new thiazolyl hydrazone derivatives as potential anticancer agents**  
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- XLIX. **Azitromisinin Kardiyotoksik Etkilerinin Ratlarda Değerlendirilmesi**  
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- L. **Synthesis and Biological Evaluation of Thiazole Derivatives as New Antifungal and Anticancer Agents**  
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- LI. **Evaluation of Genotoxic and Cytotoxic Activities of Some Hydrazone Derivates As New Anticandidal and Anticancer Agents**  
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- LII. **The Effects of Gender Difference on MCT induced Toxicity**  
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- LIV. **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.  
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- LV. **Is Carboxyhaemoglobin Level a Marker of the Severity of Carbonmonoxide Poisoning**

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- LVII. **Monokrotalin İle Oluşturulan Pulmoner Hipertansiyonda Sistemik Damar Yatağı Etkileniyor Mu**  
SIRMAGÜL B., ILGIN S., ATLI Ö., USANMAZ S. E., DEMİREL YILMAZ E.  
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- LVIII. **Retrospective evaluation of drug related cases admitted to emergency department of Osmangazi University Hospital between 2005 and 2008**  
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- LIX. **Retrospective Analysis of Correlation between Blood Antiepileptic Drug Levels and Gender**  
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- LX. **Analysis of Gender related Differences among the Patients with Suicidal Drug Intoxication**  
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- LXI. **Cinsiyet Faktörünün Fenitoin Karbamazepin ve Valproik Asit Plazma Konsantrasyonları Üzerine Etkisinin Değerlendirilmesi**  
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- LXII. **Pulmoner Hipertansiyon Tedavisinde Sildenafil Everolimus Kombinasyonunun Potansiyel Etkisi**  
ILGIN S., BURUKOĞLU DÖNMEZ D., SIRMAGÜL B.  
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- LXIV. **Determination of Basic Polyphenols by HPLC in Several Tea Types Present in Turkish Market**  
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- LXV. **Consideration of anticarcinogenic activity of lycopene on ER HeLa and LNCaP cancer cells**  
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- LXVI. **Estrogenic effects of lycopene and beta carotene on ER HeLa and LNCaP cancer cells**  
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- LXVII. **The Role of Nitric Oxide in The Anxiolytic and Antidepressant Activity of Sertraline in Mice**  
EROL K., ILGIN S., BİLGE U., ERYILMAZ Z.  
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- LXIX. **A Validated HPLC Method For The Determination of Sildenafil Citrate in Pharmaceutical Dosage Forms**  
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## Supported Projects

- ILGIN S., ATLI EKLIÖGLU Ö., BAYSAL M., Project Supported by Higher Education Institutions, Atipik Antipsikotik İlaçların Reprodüktif Toksisitesinin ve Genotoksisitesinin Değerlendirilmesi, 2013 - Continues
- DAL POÇAN A. G., ILGIN S., ATLI EKLIÖGLU Ö., Doping Amaçlı Kullanılan Bazı Maddelerin Kapiler Elektroferez Yöntemi ile Miktar Tayini, Continues
- ILGIN S., ATLI EKLIÖGLU Ö., Physalis Peruviana L Meyvesinin Altın Çilek Akut ve Subkronik Toksik Etkilerinin Değerlendirilmesi, Continues
- ILGIN S., ATLI EKLIÖGLU Ö., Antifungal Tetrazol Grubu Bileşiklerinin Genotoksik ve Sitotoksik Aktivitelerinin Değerlendirilmesi, Continues
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