

## Assoc. Prof. DERYA OSMANİYE

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: ABC-7459-2022

ScopusID: 57193579046

Yoksis Researcher ID: 262784

### Education Information

Doctorate, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, FARMASOTİK KİMYA ANABİLİM DALI, Turkey 2017 - 2021

Postgraduate, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Kimya (YI) (Tezli), Turkey 2015 - 2017

Undergraduate, Anadolu University, ECZACILIK FAKÜLTESİ, Eczacılık Pr., Turkey 2010 - 2015

### Dissertations

Doctorate, Yeni Kinaz İnhibitörlerinin Tasarımı, Sentezi ve Biyolojik Aktivite Çalışmaları, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, FARMASOTİK KİMYA ANABİLİM DALI, 2021

Postgraduate, BAZI YENİ BENZOKSAZOL TÜREVLERİNİN SENTEZİ VE ANTİKANSER AKTİVİTELERİNİN İNCELENMESİ, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Kimya (YI) (Tezli), 2017

### Research Areas

Pharmaceutical Chemistry

### Academic Titles / Tasks

Associate Professor, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 2024 - Continues

Assistant Professor, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 2022 - 2024

Research Assistant, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 2017 - 2022

### Courses

ECZ878-Farmakope Analizleri, Undergraduate, 2023 - 2024

ECZ453(O)-Kanıt Dayalı Eczacılık ve Araştırma IX, Undergraduate, 2023 - 2024

ECZ484-4(B)-Farmasötik Kimya Uygulamaları V, Undergraduate, 2022 - 2023

ECZ898-İlaç Tasarımında Metabolizmanın Rolü, Undergraduate, 2023 - 2024  
ECZ453(O)-Kanıt Dayalı Eczacılık ve Araştırma IX, Undergraduate, 2022 - 2023  
ECZ253(J)-Kanıt Dayalı Eczacılık ve Araştırma III, Undergraduate, 2022 - 2023  
ECZ449-3-A Farmasötik Kimya, Undergraduate, 2023 - 2024  
ECZ379(L)-Kanıt Dayalı Eczacılık ve Araştırma VII, Undergraduate, 2022 - 2023  
ECZ449-4(A)-Farmasötik Kimya Uygulamaları IV, Undergraduate, 2023 - 2024  
ECZ236-4(B)-Farmasötik Kimya Uygulamaları I, Undergraduate, 2022 - 2023  
ECZ875(Z5)-Mezuniyet Projesi I, Undergraduate, 2023 - 2024  
ECZ374-4(B)-Farmasötik Kimya Uygulamaları III, Undergraduate, 2022 - 2023  
ECZ878-Farmakope Analizleri, Undergraduate, 2022 - 2023  
ECZ449-4(B)-Farmasötik Kimya Uygulamaları IV, Undergraduate, 2022 - 2023  
ECZ488(A)-Kanıt Dayalı Eczacılık ve Araştırma X, Undergraduate, 2022 - 2023  
ECZ876(Z5)-Mezuniyet Projesi II, Undergraduate, 2022 - 2023  
ECZ3005-Farmasötik Kimya Laboratuvarı I, Undergraduate, 2022 - 2023  
ECZ373-4(B)-Farmasötik Kimya Uygulamaları II, Undergraduate, 2022 - 2023  
ECZ115-3-B Genel Kimya, Undergraduate, 2022 - 2023  
ECZ3003-Farmasötik Kimya I, Undergraduate, 2022 - 2023  
ECZ876-Z5-Mezuniyet Projesi II, Undergraduate, 2021 - 2022  
ECZ4003-Farmasötik Kimya Laboratuvarı III, Undergraduate, 2022 - 2023  
ECZ878-Farmakope Analizleri, Undergraduate, 2021 - 2022  
ECZ4001-Farmasötik Kimya III, Undergraduate, 2022 - 2023  
ECZ115-3-A Genel Kimya, Undergraduate, 2022 - 2023  
ECZ875-Z5-Mezuniyet Projesi I, Undergraduate, 2021 - 2022  
ECZ876-Mezuniyet Projesi II, Undergraduate, 2021 - 2022  
ECZ878-Farmakope Analizleri, Undergraduate, 2021 - 2022

## Advising Theses

Osmaniye D., Özkay Y., Alzheimer hastalığına karşı etkili olabilecek yeni bileşiklerin tasarımı, sentezi, biyolojik aktiviteleri ve moleküler doking çalışmalarının değerlendirilmesi, Postgraduate, N.CONGER(Student), 2023  
Osmaniye D., Özkay Y., Antifungal etkili yeni imidazol türevlerinin tasarımı, sentezi ve biyolojik aktivitelerinin incelenmesi, Postgraduate, S.PEÇE(Student), 2023  
Osmaniye D., Özkay Y., Antifungal etkili yeni triazol türevlerinin tasarımı sentezi ve biyolojik aktivitelerinin incelenmesi, Postgraduate, B.GÖKTAŞ(Student), 2023

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

- I. **Synthesis of new piperazine-oxadiazole derivatives and investigation of their anticancer activities**  
Uslu H., Goktas B., OSMANİYE D., LEVENT S., GOKTAS S. P., SAĞLIK ÖZKAN B. N., ÖZKAY Y., BENKLİ K.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1322, 2025 (SCI-Expanded)
- II. **Investigation of anticancer effects of novel piperidine-oxadiazole and piperidine-triazole derivatives as VEGFR inhibitors and evaluation of their molecular docking-dynamic studies**  
OSMANİYE D., Ali S. J. H., Celikates B., ILGIN S., ÖZKAY Y., KAPLANCIKLI Z. A.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1316, 2024 (SCI-Expanded)
- III. **Synthesis, Characterization, and *In vitro* and *In Silico* Studies of New Triazole Derivatives as Aromatase Inhibitors**  
Uzmez Z. L., OSMANİYE D., ÖZKAY Y., KAPLANCIKLI Z. A.  
MEDICINAL CHEMISTRY, 2024 (SCI-Expanded)
- IV. **Design, Synthesis, Investigation, and Biological Activity Assessments of (4-Substituted-Phenyl)-**

***N*-(3-morpholinopropyl)-3-phenylthiazol-2(3*H*)-imine Derivatives as Antifungal Agents**

Haji Ali S., OSMANİYE D., Sağlık B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.

ACS OMEGA, no.38, pp.39326-39343, 2024 (SCI-Expanded)

- V. **Synthesis, molecular dynamics simulation, and evaluation of biological activity of novel flurbiprofen and ibuprofen-like compounds**  
Yildiz M. T., OSMANİYE D., SAĞLIK ÖZKAN B. N., LEVENT S., Kurnaz R., ÖZKAY Y., KAPLANCIKLI Z. A.  
JOURNAL OF MOLECULAR RECOGNITION, vol.37, no.5, 2024 (SCI-Expanded)
- VI. **Development and assessment of novel pyrazole-thiadiazol hybrid derivatives as VEGFR-2 inhibitors: design, synthesis, anticancer activity evaluation, molecular docking, and molecular dynamics simulation**  
Halimi G., OSMANİYE D., ÖZKAY Y., KAPLANCIKLI Z. A.  
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, no.9-10, pp.291-304, 2024 (SCI-Expanded)
- VII. **Design, synthesis, and investigation of biological activities of new triazole derivatives with antifungal effect**  
Göktaş B., OSMANİYE D., LEVENT S., SAĞLIK ÖZKAN B. N., ÖZKAY Y., KAPLANCIKLI Z. A.  
Journal of Molecular Structure, vol.1310, 2024 (SCI-Expanded)
- VIII. **Selective in vitro Synergistic Evaluation of Probiotic Tolerant morpholinyl- and 4-ethylpiperazinyl-Imidazole-chalcone Derivatives on Gastrointestinal System Pathogens**  
Soylemez T., Kaplancikli Z. A., OSMANİYE D., ÖZKAY Y., DEMİRCİ F.  
CURRENT MICROBIOLOGY, vol.81, no.8, 2024 (SCI-Expanded)
- IX. **New Benzimidazole-Triazole Derivatives as Topoisomerase I Inhibitors: Design, Synthesis, Anticancer Screening, and Molecular Modeling Studies**  
Acar Çevik U., Çavuşoğlu B. K., Çelik İ., Rudrapal M., Rakshit G., Karayel A., Levent S., Osmaniye D., Sağlık Özkan B. N., Baysal M., et al.  
ACS OMEGA, vol.9, pp.1-14, 2024 (SCI-Expanded)
- X. **Design, Synthesis, and Biological Effect Studies of Novel Benzofuran-Thiazolyldiazone Derivatives as Monoamine Oxidase Inhibitors**  
Osmaniye D., Sağlık Özkan B. N., Levent S., Acar Çevik U., Igin S., Yurttaş L., Özkay Y., Karaburun A. Ç., Kaplancikli Z. A., Gündoğdu-Karaburun N.  
ACS OMEGA, vol.9, no.10, pp.11388-11397, 2024 (SCI-Expanded)
- XI. **Synthesis, characterization, biological evaluation and in silico studies of novel 1,3,4-thiadiazole derivatives as aromatase inhibitors**  
Demiraran S., OSMANİYE D., ÖZKAY Y., KAPLANCIKLI Z. A., TOK F.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1296, 2024 (SCI-Expanded)
- XII. **Design, synthesis, evaluation of biological activities and molecular docking and dynamic studies of novel acetazolamide analog compounds**  
OSMANİYE D., Yuva O., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.  
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.42, no.14, pp.7243-7256, 2024 (SCI-Expanded)
- XIII. **Design, synthesis, biological activities, and evaluation of molecular docking-dynamics studies of new thiosemicarbazones that may be effective against Alzheimer's disease**  
Conger N., OSMANİYE D., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.  
JOURNAL OF MOLECULAR RECOGNITION, vol.36, no.12, 2023 (SCI-Expanded)
- XIV. **Design, synthesis, and biological activity studies of carbonic anhydrase inhibitors**  
Erzurum D., OSMANİYE D., SAĞLIK ÖZKAN B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.  
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.78, no.11-12, pp.421-432, 2023 (SCI-Expanded)
- XV. **Synthesis of Imidazole-2,3-dihydrothiazole Compounds as VEGFR-2 Inhibitors and Their Support with in Silico Studies**  
OSMANİYE D., Bozkurt N. B., Kurban B., Yardimci G. B., ÖZKAY Y., KAPLANCIKLI Z. A.

CHEMISTRY & BIODIVERSITY, vol.20, no.9, 2023 (SCI-Expanded)

- XVI. **Synthesis of novel thiazol-2(3H)-imine derivatives as ergosterol biosynthesis inhibitors, and elucidation of their structures using a 2D NMR technique**  
OSMANIYE D., LEVENT S., SAĞLIK B. N., Gorgulu S., ÖZKAY Y., KAPLANCIKLI Z. A.  
NEW JOURNAL OF CHEMISTRY, vol.47, no.37, pp.17558-17566, 2023 (SCI-Expanded)
- XVII. **Synthesis and Anticancer Activities of Pyrazole-Thiadiazole-Based EGFR Inhibitors**  
Kurban B., SAĞLIK B. N., OSMANIYE D., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.  
ACS OMEGA, 2023 (SCI-Expanded)
- XVIII. **Design, synthesis, and molecular docking studies of novel quinoxaline derivatives as anticancer agents**  
Ali S. H., OSMANIYE D., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.  
Chemical Biology and Drug Design, vol.102, no.2, pp.303-315, 2023 (SCI-Expanded)
- XIX. **Synthesis of new compounds bearing methyl sulfonyl pharmacophore as selective COX-2 inhibitor**  
Almarsoomi T., OSMANIYE D., SAĞLIK B. N., LEVENT S., Ghani U., ÖZKAY Y., KAPLANCIKLI Z. A.  
Journal of Molecular Recognition, vol.36, no.7, 2023 (SCI-Expanded)
- XX. **Synthesis, Antifungal Activities, Molecular Docking and Molecular Dynamic Studies of Novel Quinoxaline-Triazole Compounds**  
OSMANIYE D., Bozkurt N. B., LEVENT S., Yardimci G. B., SAĞLIK B. N., ÖZKAY Y., KAPLANCIKLI Z. A.  
ACS OMEGA, no.27, pp.24573-24585, 2023 (SCI-Expanded)
- XXI. **Design, Synthesis, and Biological Evaluation Studies of Novel Naphthalene-Chalcone Hybrids As Antimicrobial, Anticandidal, Anticancer, and VEGFR-2 Inhibitors**  
OSMANIYE D., SAĞLIK B. N., Khalilova N., LEVENT S., Bayazit G., GÜL Ü. D., ÖZKAY Y., KAPLANCIKLI Z. A.  
ACS OMEGA, vol.8, pp.6669-6678, 2023 (SCI-Expanded)
- XXII. **Novel thiadiazol derivatives; design, synthesis, biological activity, molecular docking and molecular dynamics**  
OSMANIYE D., Evren A. E., Karaca Ş., ÖZKAY Y., KAPLANCIKLI Z. A.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1272, 2023 (SCI-Expanded)
- XXIII. **Design, synthesis and molecular docking and ADME studies of novel hydrazone derivatives for AChE inhibitory, BBB permeability and antioxidant effects**  
OSMANIYE D., Ahmad I., SAĞLIK B. N., LEVENT S., Patel H. M., ÖZKAY Y., KAPLANCIKLI Z. A.  
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.41, no.18, pp.9022-9038, 2023 (SCI-Expanded)
- XXIV. **Design, Synthesis, and In Vitro and In Silico Approaches of Novel Indanone Derivatives as Multifunctional Anti-Alzheimer Agents**  
SAĞLIK B. N., LEVENT S., OSMANIYE D., EVREN A. E., KARADUMAN A. B., ÖZKAY Y., KAPLANCIKLI Z. A.  
ACS OMEGA, vol.7, no.50, pp.47378-47404, 2022 (SCI-Expanded)
- XXV. **Synthesis of novel thiosemicarbazone derivatives and investigation of their dual AChE and MAO-B inhibitor effects**  
Uytun A. N., OSMANIYE D., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.  
JOURNAL OF MOLECULAR RECOGNITION, vol.35, no.12, 2022 (SCI-Expanded)
- XXVI. **Synthesis of new derivatives containing pyridine, investigation of MAO inhibitory activities and molecular docking studies**  
OSMANIYE D., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A., TURAN G.  
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.77, no.11-12, pp.509-517, 2022 (SCI-Expanded)
- XXVII. **Synthesis of New Pyrimidine-Triazole Derivatives and Investigation of Their Anticancer Activities**  
OSMANIYE D., Hidir A., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.  
CHEMISTRY & BIODIVERSITY, vol.19, no.8, 2022 (SCI-Expanded)
- XXVIII. **Design, synthesis, and biological activity of novel dithiocarbamate-methylsulfonyl hybrids as carbonic anhydrase inhibitors**  
OSMANIYE D., TÜRKES C., Demir Y., ÖZKAY Y., BEYDEMİR Ş., KAPLANCIKLI Z. A.  
ARCHIV DER PHARMAZIE, vol.355, no.8, 2022 (SCI-Expanded)

- XXIX. **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., Ilgin S., Özkay Y., Karaburun A. Ç., Kaplancıklı Z. A., Gündoğdu-Karaburun N.  
RSC ADVANCES, vol.12, no.36, pp.23626-23636, 2022 (SCI-Expanded)
- XXX. **SYNTHESIS AND ANTIDEPRESSANT-LIKE ACTIVITIES OF SOME PIPERIDINE DERIVATIVES: INVOLVEMENTS OF MONOAMINERGIC AND OPIOIDERGIC SYSTEMS**  
Kaya C., TURAN YÜCEL N., Kandemir U., OSMANİYE D., CAN Ö. D., DEMİR ÖZKAY Ü.  
ACTA POLONIAE PHARMACEUTICA, vol.79, no.4, pp.509-522, 2022 (SCI-Expanded)
- XXXI. **Design, synthesis, molecular docking and molecular dynamics studies of novel triazolothiadiazine derivatives containing furan or thiophene rings as anticancer agents**  
OSMANİYE D., Karaca Ş., Kurban B., BAYSAL M., Ahmad I., Patel H., ÖZKAY Y., KAPLANCIKLI Z. A.  
BIOORGANIC CHEMISTRY, vol.122, 2022 (SCI-Expanded)
- XXXII. **Design, Synthesis, and Evaluation of Novel 2H-Benzo[b][1,4]thiazin-3(4H)-one Derivatives as New Acetylcholinesterase Inhibitors**  
Ali S. H., OSMANİYE D., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.  
MOLECULES, vol.27, no.7, 2022 (SCI-Expanded)
- XXXIII. **Novel imidazole derivatives as potential aromatase and monoamine oxidase-B inhibitors against breast cancer**  
OSMANİYE D., LEVENT S., SAĞLIK B. N., KARADUMAN A. B., ÖZKAY Y., KAPLANCIKLI Z. A.  
NEW JOURNAL OF CHEMISTRY, vol.46, no.16, pp.7442-7451, 2022 (SCI-Expanded)
- XXXIV. **Design and synthesis of novel chalcone derivatives and evaluation of their inhibitory activities against acetylcholinesterase**  
Ceyhun I., Karaca Ş., OSMANİYE D., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.  
ARCHIV DER PHARMAZIE, vol.355, no.3, 2022 (SCI-Expanded)
- XXXV. **Design, synthesis, biological activity, molecular docking, and molecular dynamics of novel benzimidazole derivatives as potential AChE/MAO-B dual inhibitors**  
OSMANİYE D., Evren A. E., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.  
ARCHIV DER PHARMAZIE, vol.355, no.3, 2022 (SCI-Expanded)
- XXXVI. **Synthesis and biological evaluation of novel 1,3,4-oxadiazole derivatives as anticancer agents and potential EGFR inhibitors**  
OSMANİYE D., Gorgulu S., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.  
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.59, no.3, pp.518-532, 2022 (SCI-Expanded)
- XXXVII. **Novel thiazolyl-hydrazone derivatives including piperazine ring: synthesis, in vitro evaluation, and molecular docking as selective MAO-A inhibitor**  
OSMANİYE D., Alasan R., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.  
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.77, no.3-4, pp.167-175, 2022 (SCI-Expanded)
- XXXVIII. **Design, synthesis, in vitro, and in silico studies of 1,2,4-triazole-piperazine hybrid derivatives as potential MAO inhibitors**  
Uslu H., OSMANİYE D., SAĞLIK B. N., LEVENT S., ÖZKAY Y., Benkli K., KAPLANCIKLI Z. A.  
BIOORGANIC CHEMISTRY, vol.117, 2021 (SCI-Expanded)
- XXXIX. **Design, synthesis, in vitro and in silico studies of some novel triazoles as anticancer agents for breast cancer**  
OSMANİYE D., SAĞLIK B. N., LEVENT S., ILGIN S., ÖZKAY Y., KAPLANCIKLI Z. A.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1246, 2021 (SCI-Expanded)
- XL. **Design, Synthesis and Biological Evaluation of New N-Acyl Hydrazones with a Methyl Sulfonyl Moiety as Selective COX-2 Inhibitors**  
OSMANİYE D., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.  
CHEMISTRY & BIODIVERSITY, vol.18, no.11, 2021 (SCI-Expanded)
- XLI. **Novel Thiosemicarbazone Derivatives: In Vitro and In Silico Evaluation as Potential MAO-B**

## Inhibitors

OSMANIYE D., Kurban B., SAĞLIK B. N., LEVENT S., Oezkay Y., KAPLANCIKLI Z. A.  
MOLECULES, vol.26, no.21, 2021 (SCI-Expanded)

- XLII. **Design, synthesis, in vitro and in silico studies of some novel thiazole-dihydrofuran derivatives as aromatase inhibitors**  
OSMANIYE D., Gorgulu S., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.  
BIOORGANIC CHEMISTRY, vol.114, 2021 (SCI-Expanded)
- XLIII. **Synthesis and Antinociceptive Effect of Some Thiazole-Piperazine Derivatives: Involvement of Opioidergic System in the Activity**  
TURAN YÜCEL N., OSMANIYE D., Kandemir U., Evren A. E., CAN Ö. D., DEMİR ÖZKAY Ü.  
MOLECULES, vol.26, no.11, 2021 (SCI-Expanded)
- XLIV. **Design, synthesis, biological evaluation, and docking studies of some novel chalcones as selective COX-2 inhibitors**  
Kaya Cavusoglu B., SAĞLIK B. N., ACAR ÇEVİK U., OSMANIYE D., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.  
ARCHIV DER PHARMAZIE, vol.354, no.3, 2021 (SCI-Expanded)
- XLV. **Design, synthesis and biological assessment of new selective COX-2 inhibitors including methyl sulfonyl moiety**  
SAĞLIK B. N., OSMANIYE D., LEVENT S., ACAR ÇEVİK U., ÇAVUŞOĞLU B. K., ÖZKAY Y., KAPLANCIKLI Z. A.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.209, 2021 (SCI-Expanded)
- XLVI. **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)
- XLVII. **Synthesis and biological evaluation of novel 1,3,4-thiadiazole derivatives as possible anticancer agents**  
ACAR ÇEVİK U., OSMANIYE D., LEVENT S., SAĞLIK B. N., KAYA ÇAVUŞOĞLU B., Karaduma A. B., ÖZKAY Y., KAPLANCIKLI Z. A.  
ACTA PHARMACEUTICA, vol.70, no.4, pp.499-513, 2020 (SCI-Expanded)
- XLVIII. **Synthesis, investigation of biological effects and in silico studies of new benzimidazole derivatives as aromatase inhibitors**  
SAĞLIK B. N., Sen A. M., Evren A. E., ACAR ÇEVİK U., OSMANIYE D., Cavusoglu B. K., LEVENT S., KARADUMAN A. B., ÖZKAY Y., KAPLANCIKLI Z. A.  
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.75, no.9-10, pp.353-362, 2020 (SCI-Expanded)
- XLIX. **Novel 1,3,4-thiadiazole compounds as potential MAO-A inhibitors - design, synthesis, biological evaluation and molecular modelling**  
SAĞLIK B. N., KAYA ÇAVUŞOĞLU B., ACAR ÇEVİK U., OSMANIYE D., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.  
RSC MEDICINAL CHEMISTRY, vol.11, no.9, pp.1063-1074, 2020 (SCI-Expanded)
- L. **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., OSMANIYE D., LEVENT S., Kaya cavusoglu B., ILGIN S., ÖZKAY Y., KAPLANCIKLI Z. A.  
MOLECULES, vol.25, no.18, 2020 (SCI-Expanded)
- LI. **Design, Synthesis, and Structure-Activity Relationships of Thiazole Analogs as Anticholinesterase Agents for Alzheimer's Disease**  
SAĞLIK B. N., OSMANIYE D., ACAR ÇEVİK U., LEVENT S., ÇAVUŞOĞLU B. K., ÖZKAY Y., KAPLANCIKLI Z. A.  
MOLECULES, vol.25, no.18, 2020 (SCI-Expanded)
- LII. **Design, Synthesis, and Biological Activity Evaluation of New Donepezil-Like Compounds Bearing Thiazole Ring for the Treatment of Alzheimer's Disease**  
SAĞLIK B. N., LEVENT S., OSMANIYE D., ACAR ÇEVİK U., ÇAVUŞOĞLU B. K., ÖZKAY Y., KOPARAL A. S., KAPLANCIKLI Z. A.

CRYSTALS, vol.10, no.8, 2020 (SCI-Expanded)

- LIII. **Synthesis, characterization and carbonic anhydrase I and II inhibitory evaluation of new sulfonamide derivatives bearing dithiocarbamate**  
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- LIV. **Multifunctional quinoxaline-hydrazone derivatives with acetylcholinesterase and monoamine oxidases inhibitory activities as potential agents against Alzheimer's disease**  
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- LV. **Synthesis and monoamine oxidase A/B inhibitory evaluation of new benzothiazole-thiazolyldiazine derivatives**  
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- LVI. **Synthesis of new benzothiazole derivatives bearing thiadiazole as monoamine oxidase inhibitors**  
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- LVII. **Synthesis and docking study of benzimidazole-triazolothiadiazine hybrids as aromatase inhibitors**  
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- LIX. **Synthesis, anticancer evaluation and molecular docking studies of new benzimidazole-1,3,4-oxadiazole derivatives as human topoisomerase types I poison**  
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- LXI. **Synthesis, in vitro enzyme activity and molecular docking studies of new benzylamine-sulfonamide derivatives as selective MAO-B inhibitors**  
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- LXVI. **In vitro and in silico evaluation of new thiazole compounds as monoamine oxidase inhibitors**  
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- LXVIII. **Synthesis and Antifungal Potential of Some Novel Benzimidazole-1,3,4-Oxadiazole Compounds**  
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- LXXI. **Design, synthesis, in vitro and in silico evaluation of new pyrrole derivatives as monoamine oxidase inhibitors**  
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- LXXV. **Synthesis and Biological Evaluation of New Thiosemicarbazone Derivative Schiff Bases as Monoamine Oxidase Inhibitory Agents**  
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- VI. **Novel substituted oxadiazole - piperazine derivatives as potential MAO inhibitors: Design, synthesis, in vitro and in silico studies**  
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## Refereed Congress / Symposium Publications in Proceedings

- I. **The anticancer activity and DNA synthesis inhibition potential of *Teucrium sandrasicum* and *Teucrium divaricatum* subsp. *graceum***  
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- II. **Synthesis of New Triazole Derivatives as Antifungal Agents**  
HIDIR A., OSMANİYE D., ÖZKAY Y., KAPLANCIKLI Z. A.  
II. INTERNATIONAL EUROPEAN SCIENTIFIC RESEARCH AND TECHNOLOGICAL DEVELOPMENTS CONGRESS, Azerbaijan, 26 November 2023
- III. **Synthesis of New Benzimidazole Derivatives as Aromatase Inhibitor**  
HIDIR A., OSMANİYE D., ÖZKAY Y., KAPLANCIKLI Z. A.  
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- IV. **Synthesis and Biological Activity Studies of New Compounds With Anticancer Effects**  
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- V. **Synthesis and Biological Activity Studies of New Pyridine Derivatives**  
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- VI. **ANTIDEPRESSANT-LIKE EFFECTS OF NEW THIADIAZOLE DERIVATIVES**  
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- VII. **Antidepressant-like Effects of Some Piperazine Derivatives Piperazine Derivatives**  
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- VIII. **SYNTHESIS OF NEW THIAZOLE DERIVATIVES AND EVALUATION OF THEIR BIOLOGICAL ACTIVITIES**  
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- IX. **SYNTHESIS OF NEW COMPOUNDS CONTAINING METHYLSULPHONYL PHARMACOPHORUS AND INVESTIGATION OF THE EFFECTS OF SELECTIVE COX-2 INHIBITORS**  
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- X. **Farmasötik Kimya**  
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- XI. **Antidepressant-like activity of some thiazole-piperazine derivatives**  
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- XII. **Synthesis of new phortress-like compounds as anticancer agents**  
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- XIII. **Synthesis of new thiazole derivatives and evaluation of their anticholinesterase enzyme activity**  
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- XIV. **Synthesis and biological activity evaluation of new thiazolyhydrazine derivatives**

OSMANIYE D., SAĞLIK B. N., KAPLANCIKLI Z. A.

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- XV. **Synthesis and biological activity evaluation of new benzimidazole-piperazine derivatives as anticholinesterase agents**  
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- XVI. **Synthesis and characterization of a new series of thiazolyldiazine derivatives containing dimethylaminoethyl moiety as potential ChE inhibitor**  
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- XVII. **Synthesis of new piperidine-hydrazide derivatives and evaluation of their in vitro enzyme activity**  
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- XX. **New thiazole derivatives for treatment of Alzheimer's disease**  
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- XXI. **Synthesis of some novel sulfonamide based compounds and investigation of inhibition effects on carbonic anhydrase isoenzymes**  
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2nd European Chemistry Conference (ECC-2019), Amsterdam, Netherlands, 18 - 19 May 2019
- XXII. **New 4-Benzilpiperidine Derivatives As Cholinesterase Inhibitors**  
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