

# ZAFER ASIM KAPLANCIKLI

## PROF.

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## Learning Knowledge

Doctorate 1996 - 2003	Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Kimya (Dr), Turkey
Postgraduate 1994 - 1996	Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Kimya (YI) (Tezli), Turkey
Undergraduate 1990 - 1994	Anadolu University, ECZACILIK FAKÜLTESİ, Eczacılık Pr., Turkey

## Dissertations

Doctorate, Bazı 4-fenil/siklohegzil-5-(1-fenoksietil)-2,4-dihidro-3H-1,2,4- triazol-3-tiyon türevlerinin sentezleri ve antifungal, antibakteriyel aktivitelerinin araştırılması, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Kimya (Dr), 2003

Postgraduate, Bazı N-(4-kromaniliden) ariloksiasetohidrazid türevlerinin sentezi ve antibakteriyel etkilerinin araştırılması, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Kimya (YI) (Tezli), 1996

## Academic Titles / Tasks

Professor 2012 - Continues	Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ
Associate Professor 2006 - 2012	Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ
Assistant Professor 2004 - 2006	Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ
Research Assistant 1995 - 2004	Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ

## Supported Projects

1. OSMANİYE D., KAPLANCIKLI Z. A., ACAR ÇEVİK U., Project Supported by Higher Education Institutions, Monoamin Oksidaz Enzim İnhibitörleri Olarak Tiyazol Halkası İçeren Yeni Bileşiklerin Sentez ve Biyolojik Etki Çalışmaları, 2020 - Continues
2. ÖZDEMİR A., KAPLANCIKLI Z. A., TUNALI Y., TURAN G., Bazı 1 N N disüstitüe aminotiyo karboniltiyo asetil 3 5 diaril 2 pirazolin türevlerinin sentezi yapılarının aydınlatılması ve antimikrobiyal etkilerinin araştırılması, Continues
3. KAPLANCIKLI Z. A., Bazı 10 2 4 arilidenamino 5 merkapto 1 2 4 triazol 3 il etil fenotiyazin ve 10 2 7H 6 aril 1 2 4 triazolo 3 4 b 1 3 4 tiyadiazin 3 il etil fenotiyazin türevi bileşiklerin sentezi ve antidepresan anksiyolitik etkilerinin araştırılması ANA 1997 13, Continues
4. KAPLANCIKLI Z. A., Bazı 1 2 aril 2 okzoetil 2 morfolin 4 il tiyoksometil benzimidazol türevlerinin sentezi ve antikanser etkilerinin araştırılması Anadolu Üniversitesi Bilimsel Araştırma Projesi, Continues
5. KAPLANCIKLI Z. A., KOPARAL A. T., BENKLİ K., Bazı Heterosiklik Ligandların Au III Pt II Dinükleer Metal Komplekslerinin Sentezi Yapılarının Aydınlatılması Sağlam ve Kanserli Hücreler Üzerindeki Sitotoksik ve Apoptotik Etkilerinin İn Vitro Olarak Araştırılması, Continues
6. KAPLANCIKLI Z. A., Bazı Fenil siklohergzil 5 1 fenoksietil 3 3 5 diaril 2 pirazolinil asetil tiyo 4H 1 2 4 triazol türevlerinin sentezleri ve antifungal etkilerinin araştırılması Proje No 050345, Continues
7. Acar Çevik U., Kaplancıklı Z. A., Özkay Y., Çelik İ., Görgülü Ş., Project Supported by Higher Education Institutions, VEGFR-2 inhibitörleri olarak yeni benzimidazol türevlerinin sentezi ve biyolojik aktivite çalışmaları, 2022 - 2024
8. Acar Çevik U., Kaplancıklı Z. A., Özkay Y., Levent S., Osmaniye D., Sağlık B. N., Project Supported by Higher Education Institutions, Metilsülfonilbenzen yapısı taşıyan Yeni Tiyazol Türevi Bileşiklerin Sentezi ve Selektif COX-2 İnhibitör Etkilerinin Araştırılması, 2021 - 2023
9. Acar Çevik U., Osmaniye D., Levent S., Sağlık B. N., Özkay Y., Kaplancıklı Z. A., Görgülü Ş., Project Supported by Higher Education Institutions, Bazı Yeni Piridin Türevlerinin Sentezlenmesi ve Antikanser Aktivitelerinin Değerlendirilmesi, 2021 - 2022
10. Acar Çevik U., Sağlık B. N., Özkay Y., Kaplancıklı Z. A., Levent S., Osmaniye D., Project Supported by Higher Education Institutions, Yeni Benzofuran ve Benzotiyofen Türevlerinin Sentezi ve Biyolojik Aktivitelerinin Araştırılması, 2021 - 2022
11. Acar Çevik U., Özkay Y., Kaplancıklı Z. A., Levent S., Osmaniye D., Sağlık B. N., Project Supported by Higher Education Institutions, Mikrodalga Işınması Altında Gerçekleştirilen 1,3,4-Tiyadiyazol Halka Kapanması Reaksiyonu için Optimum Şartların Araştırılması, 2021 - 2022
12. Acar Çevik U., Osmaniye D., Özkay Y., Kaplancıklı Z. A., Levent S., Sağlık B. N., Project Supported by Higher Education Institutions, Yeni Fenilasetik Asit Türevlerinin Sentezi ve Biyolojik Aktivite Çalışmaları, 2021 - 2022
13. Acar Çevik U., Kaplancıklı Z. A., Özkay Y., Osmaniye D., Levent S., Sağlık B. N., Project Supported by Higher Education Institutions, Bazı Tiyazol Türevlerinin Sentezi ve Biyolojik Aktivitelerinin Araştırılması, 2021 - 2022
14. Acar Çevik U., Özkay Y., Kaplancıklı Z. A., Osmaniye D., Levent S., Sağlık B. N., Project Supported by Higher Education Institutions, Yeni Benzimidazol-Oksadiazol Türevlerinin Sentezi ve Antikanser Etkilerinin Araştırılması, 2021 - 2022
15. Gündoğdu-Karaburun N., Kaplancıklı Z. A., Karaburun A. Ç., Özkay Y., Yurttaş L., Iğın S., Acar Çevik U., Sağlık B. N., Levent S., Osmaniye D., Project Supported by Higher Education Institutions, Monoamin Oksidaz İnhibitörleri Olarak Yeni Benzofuran-Tiyazolilhidrazon Türevlerinin Tasarımı, Sentezi ve Biyolojik Etki Çalışmaları, 2020 - 2022
16. Acar Çevik U., Özkay Y., Kaplancıklı Z. A., Çavuşoğlu B. K., Osmaniye D., Levent S., Sağlık B. N., Project Supported by Higher Education Institutions, Bazı Benzotiyazol Türevlerinin Antifungal Aktivitelerinin Araştırılması, 2020 - 2021
17. Acar Çevik U., Kaplancıklı Z. A., Özkay Y., Sağlık B. N., Çavuşoğlu B. K., Levent S., Osmaniye D., Project Supported by Higher Education Institutions, Bazı Tiyosemikarbazon Türevlerinin Antifungal Aktivitelerinin Araştırılması, 2020 - 2021
18. Acar Çevik U., Sağlık B. N., Özkay Y., Kaplancıklı Z. A., Çavuşoğlu B. K., Levent S., Osmaniye D., Project Supported by Higher Education Institutions, Yeni Tiyazol-hidrazon Türevlerinin Sentezi ve MAO İnhibitor Aktivitelerinin Araştırılması, 2020 - 2021
19. Acar Çevik U., Çavuşoğlu B. K., Osmaniye D., Levent S., Sağlık B. N., Özkay Y., Kaplancıklı Z. A., Project Supported by Higher Education Institutions, Yeni Tiyadiazol-Hidrazon Türevlerinin Sentezi ve Antifungal Aktivitelerinin Araştırılması, 2020 - 2021
20. KAPLANCIKLI Z. A., Project Supported by Higher Education Institutions, Yeni Tiyazol-hidrazon Türevlerinin Sentezi

ve MAO İnhibitor Aktivitelerinin Araştırılması, 2020 - 2021

21. KAPLANCIKLI Z. A., Project Supported by Higher Education Institutions, Yeni Tiyadiazol-Hidrazon Türevlerinin Sentezi ve Antifungal Aktivitelerinin Araştırılması, 2020 - 2021
22. KAPLANCIKLI Z. A., Project Supported by Higher Education Institutions, Bazı Benzotiyazol Türevlerinin Antifungal Aktivitelerinin Araştırılması, 2020 - 2021
23. KAPLANCIKLI Z. A., Project Supported by Higher Education Institutions, Bazı Tiyosemikarbazon Türevlerinin Antifungal Aktivitelerinin Araştırılması, 2020 - 2021
24. ÖZCAN S., KAPLANCIKLI Z. A., Project Supported by Higher Education Institutions, Gliserol fenil bütiratın sıvı kromatografisindeki ayırımına etki eden parametrelerinin incelenmesi, 2020 - 2021
25. OSMANİYE D., KAPLANCIKLI Z. A., ACAR ÇEVİK U., Project Supported by Higher Education Institutions, Topoizomeraz inhibitörleri olarak benzimidazol-triazol türevlerinin tasarımı ve sentezi, 2019 - 2021
26. KAPLANCIKLI Z. A., Project Supported by Higher Education Institutions, Yeni Kinaz Enzim İnhibitörlerinin Tasarımı, Sentezi ve Biyolojik Aktivite Çalışmaları, 2019 - 2021
27. ACAR ÇEVİK U., OSMANİYE D., KAPLANCIKLI Z. A., KOPARAL A. S., Project Supported by Higher Education Institutions, Bazı Yeni Tiyadiazol Türevlerinin Sentezlenmesi ve Antikanser Aktivitelerinin Araştırılması, 2019 - 2021
28. ÖZCAN S., KAPLANCIKLI Z. A., TURAN YÜCEL N., Project Supported by Higher Education Institutions, Seftiofurun Süt Ürünlerinde Tayininde Matris Etkisinin İncelenmesi, 2019 - 2020
29. ACAR ÇEVİK U., KAPLANCIKLI Z. A., Project Supported by Higher Education Institutions, Bazı Hidrazon Türevlerinin Antifungal Aktivitelerinin Araştırılması, 2019 - 2020
30. ACAR ÇEVİK U., KAPLANCIKLI Z. A., Project Supported by Higher Education Institutions, Bazı Tiyazolilhidrazon Türevlerinin Antifungal Aktivitelerinin Araştırılması, 2019 - 2020
31. OSMANİYE D., KAPLANCIKLI Z. A., ACAR ÇEVİK U., KORKUT ÇELİKATEŞ B., Project Supported by Higher Education Institutions, Bazı Yeni 4-Süstitüe-2-(2-(süstitüe)hidrazinil)tiyazol Türevlerinin Sentezlenmesi ve Biyolojik Etkilerinin Araştırılması, 2018 - 2020
32. OSMANİYE D., ACAR ÇEVİK U., KAPLANCIKLI Z. A., Project Supported by Higher Education Institutions, Bazı Yeni Kinoksalin-Hidrazon Türevlerinin Sentezlenmesi ve Monoamin Oksidaz Enzimleri Üzerindeki Etkilerinin Araştırılması, 2018 - 2020
33. KAPLANCIKLI Z. A., KAYA ÇAVUŞOĞLU B., Project Supported by Higher Education Institutions, Yeni Siklooksijenaz İnhibitörü Bileşiklerin Tasarımı, Sentezi ve Biyolojik Aktivite Çalışmaları, 2018 - 2020
34. OSMANİYE D., KAPLANCIKLI Z. A., KORKUT ÇELİKATEŞ B., Project Supported by Higher Education Institutions, Bazı Yeni 4-(2-((5-(süstitüeamino)-1,3,4-tiyadiazol-2-il)tiyo)asetil)benzensülfonamid Türevlerinin Sentezlenmesi ve Karbonik Anhidraz İzoenzimleri Üzerine İnhibisyon Etkilerinin İncelenmesi, 2016 - 2020
35. ACAR ÇEVİK U., KAPLANCIKLI Z. A., KAYA ÇAVUŞOĞLU B., Project Supported by Higher Education Institutions, Bazı Yeni Tiyazolilhidrazin Türevlerinin Sentezlenmesi ve MAO Enzim İnhibitörü Etkilerinin Araştırılması, 2018 - 2019
36. ACAR ÇEVİK U., KAPLANCIKLI Z. A., KAYA ÇAVUŞOĞLU B., Project Supported by Higher Education Institutions, Bazı Yeni Benzotiyazol-Tiyazol Türevlerinin Sentezlenmesi ve MAO Enzim İnhibitörü Etkilerinin Araştırılması, 2018 - 2019
37. ÖZCAN S., KAPLANCIKLI Z. A., TURAN YÜCEL N., Project Supported by Higher Education Institutions, Bazı Biyojenik Aminlerin ve Metabolitlerinin Yeni Nesil Kolon Tipleri Kullanılarak UPLC-ECD ile Analizi Üzerine Çalışmalar, 2018 - 2019
38. ACAR ÇEVİK U., KAPLANCIKLI Z. A., KAYA ÇAVUŞOĞLU B., Project Supported by Higher Education Institutions, MAO Enzim İnhibitörü Olarak Yeni Benzotiyazol Türevlerinin Sentezi, 2018 - 2019
39. Akalın Çiftçi G., Altıntop M. D., Özdemir A., Kaplancıklı Z. A., Temel H. E., Sever B., Project Supported by Higher Education Institutions, Bazı şalkon bileşiklerinin antikanser ve antiinflamatuvar etkilerinin araştırılması, 2016 - 2019
40. ÖZCAN S., ACAR ÇEVİK U., KAPLANCIKLI Z. A., TURAN YÜCEL N., Project Supported by Higher Education Institutions, Yeni Piyasaya Sürülmüş Bazı Aktif Farmasötik Bileşenlerin, Metabolitlerinin ve Bozunma Ürünlerinin Karakterizasyonu Üzerine Çalışmalar, 2016 - 2019
41. KAPLANCIKLI Z. A., KAYA ÇAVUŞOĞLU B., Project Supported by Higher Education Institutions, MAO Enzim İnhibitörü Olarak Yeni Tiyosemikarbazon Türevlerinin Sentezi, Genotoksik ve Sitotoksik Etkilerinin Araştırılması,

2017 - 2018

42. ACAR ÇEVİK U., KAPLANCIKLI Z. A., KAYA ÇAVUŞOĞLU B., Project Supported by Higher Education Institutions, Mikrodalga Destekli İmino-tiyazolin Halka Kapanması Reaksiyonu İçin Optimum Reaksiyon Şartlarının Belirlenmesi, 2017 - 2018
43. KAPLANCIKLI Z. A., ACAR ÇEVİK U., KAYA ÇAVUŞOĞLU B., Project Supported by Higher Education Institutions, Schiff Bazlarının İndirgenmesinde Optimum Reaksiyon Verimi için Katalizör Belirlenmesi, 2017 - 2018
44. Altıntop M. D., Özdemir A., Kaplancıklı Z. A., Otsuka M., Fujita M., Çiftçi H., Alı T., Koga R., Osman M., Sever B., Project Supported by Higher Education Institutions, Studies on Synthesis and Anticancer Activity of New 1,3,4-Thiadiazole Derivatives, 2016 - 2018
45. Özdemir A., Otsuka M., Altıntop M. D., Kaplancıklı Z. A., Watanabe T., Fujita M., Çiftçi H., Sever B., Other International Funding Programs, Development of inducers of anti-viral host factors based on Turkish medicinal plants and synthetic compounds, 2016 - 2018
46. ÖZCAN S., ACAR ÇEVİK U., KAPLANCIKLI Z. A., KAYA ÇAVUŞOĞLU B., Project Supported by Higher Education Institutions, Yeni benzotiyazol türevlerinin sentezi ve antikanser aktivitelerinin araştırılması, 2015 - 2018
47. Kaplancıklı Z. A., Altıntop M. D., Özdemir A., Sever B., Project Supported by Higher Education Institutions, Yeni Tiyadiazol Türevlerinin Sentezleri ve Karbonik anhidraz İnhibitör Etkileri, 2016 - 2017
48. Özdemir A., Altıntop M. D., Kaplancıklı Z. A., Atlı Ö., Sever B., Baysal M., Project Supported by Higher Education Institutions, Şalkon Yapısı Taşıyan Bileşiklerin Sentezi ve Biyolojik Aktivitelerinin Araştırılması, 2016 - 2017
49. AKALIN ÇİFTÇİ G., KAPLANCIKLI Z. A., ALTINTOP M. D., ÖZDEMİR A., SEVER B., Project Supported by Higher Education Institutions, Yeni Tiyosemikarbazon Türevlerinin Sentezleri ve Siklooksijenaz İnhibitör Etkileri, 2016 - 2017
50. Kaplancıklı Z. A., Altıntop M. D., Özdemir A., Turan G., İlgin S., Atlı Ö., Sever B., Project Supported by Higher Education Institutions, The Synthesis of New Thiadiazole-Benzothiazole Derivatives, Structural Elucidation and Determination of Their Anticancer Activity, 2014 - 2017
51. Kaplancıklı Z. A., Altıntop M. D., Özdemir A., Atlı Ö., Sever B., Baysal M., Project Supported by Higher Education Institutions, Yeni Tiyazol Türevi Bileşiklerin Sentezi ve Antikanser Aktivitelerinin Araştırılması, 2015 - 2016
52. Altıntop M. D., Özdemir A., Kaplancıklı Z. A., Akalın Çiftçi G., Temel H. E., Sever B., Project Supported by Higher Education Institutions, Yeni Tiyazol Türevlerinin Sentezleri ve In vitro Etkilerinin Araştırılması, 2015 - 2016
53. Özdemir A., Altıntop M. D., Kaplancıklı Z. A., Atlı Ö., Sever B., Baysal M., Project Supported by Higher Education Institutions, Yeni Azol Türevi Bileşiklerin Sentezi Biyolojik Aktivitelerinin Araştırılması, 2015 - 2016
54. TEMEL H. E., AKALIN ÇİFTÇİ G., ALTINTOP M. D., KAPLANCIKLI Z. A., SEVER B., Project Supported by Higher Education Institutions, Benzodioksol Halkası İçeren Tiyosemikarbazon Türevlerinin Antikanser ve Kolinesteraz Etkilerinin Araştırılması, 2014 - 2016
55. AKALIN ÇİFTÇİ G., TURAN G., ÖZDEMİR A., ALTINTOP M. D., KAPLANCIKLI Z. A., SEVER B., Project Supported by Higher Education Institutions, Yeni 1,3,4-Oksadiazol Türevlerinin Sentezlenmesi ve Antikanser Etkilerinin Araştırılması, 2014 - 2016
56. Kaplancıklı Z. A., Altıntop M. D., Özdemir A., Cantürk Z., Sever B., Project Supported by Higher Education Institutions, Tiyosemikarbazon Türevlerinin Sentezi ve Antimikrobiyal Etkileri, 2014 - 2015
57. Altıntop M. D., Özdemir A., Kaplancıklı Z. A., Akalın Çiftçi G., Sever B., Project Supported by Higher Education Institutions, Bazı Ditiyokarbamat Türevlerinin Sentezi ve Antikanser Etkilerinin Araştırılması, 2014 - 2015
58. YURTTAŞ L., KAPLANCIKLI Z. A., Project Supported by Higher Education Institutions, Hidrazon Kalıntısı İçeren Benzotiyazol Türevlerinin Sentezi ve Antifungal Etkilerinin Araştırılması, 2014 - 2015
59. TURAN G., ÖZKAY Y., YURTTAŞ L., ÖZDEMİR A., KAPLANCIKLI Z. A., DEMİR ÖZKAY Ü., Project Supported by Higher Education Institutions, 4 2 Pirimidinil piperazin 1 karboditiyoik Asit Türevlerinin Sentezi ve Antikolinesteraz Aktivitelerinin Araştırılması, 2013 - 2015
60. İLGIN S., KAPLANCIKLI Z. A., ALTINTOP M. D., ATLI EKİÖĞLU Ö., Project Supported by Higher Education Institutions, Yeni Tiyosemikarbazon Türevi Bileşiklerin Antifungal Aktiviteleri ile Genotoksik ve Sitotoksik Etkilerinin Belirlenmesi, 2013 - 2015
61. Özdemir A., Altıntop M. D., Kaplancıklı Z. A., Turan G., Demirci F., Project Supported by Higher Education Institutions, Bazı Sübstitüe Pirazolin Türevlerinin Sentezlenmesi ve Antifungal Etkilerinin Araştırılması, 2010 - 2014
62. Kaplancıklı Z. A., Özdemir A., Altıntop M. D., Turan G., Demirci F., Project Supported by Higher Education

Institutions, Yeni Hidrazon Bileşiklerinin Sentezleri ve Antibakteriyel Etki Çalışmaları, 2011 - 2013

63. Altıntop M. D., Kaplancıklı Z. A., Project Supported by Higher Education Institutions, The Synthesis of Some Novel Thiazoline Derivatives and The Investigation of Their Antimicrobial Activities, 2011 - 2012

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

- 1. Synthesis, antibacterial, anti-urease, DFT and molecular docking studies of novel bis-1,3,4-thiadiazoles**  
Kaya B., Cevik U. A., Behcet M., Karayel A., Daoud N. E., BOSTANCI H. E., KAPLANCIKLI Z. A.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1321, 2025 (SCI-Expanded)
- 2. Synthesis,  $\alpha$ -Glucosidase,  $\alpha$ -Amylase, and Aldol Reductase Inhibitory Activity with Molecular Docking Study of Novel Imidazo[1,2-*a*]pyridine Derivatives**  
Kaya B., Cevik U. A., ÇİFTÇİ B., Duran H. E., TÜRKEŞ C., IŞIK M., BOSTANCI H. E., KAPLANCIKLI Z. A., BEYDEMİR Ş.  
ACS OMEGA, vol.9, no.42, pp.42905-42914, 2024 (SCI-Expanded)
- 3. In vitro anti-*Helicobacter pylori*, anti-urease and anti-gastric cancer activities of novel hydrazones**  
Maryam Z., Kaya B., BOSTANCI H. E., Kisa D., ÇELİK İ., ACAR ÇEVİK U., KAPLANCIKLI Z. A.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1307, 2024 (SCI-Expanded)
- 4. Synthesis of thiadiazole derivatives as competitive inhibitors of  $\alpha$ -glucosidase and tyrosinase**  
Ghani U., ACAR ÇEVİK U., Rudrapal M., Rakshit G., KAPLANCIKLI Z. A.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1307, 2024 (SCI-Expanded)
- 5. New benzimidazole-oxadiazole derivatives as potent VEGFR-2 inhibitors: Synthesis, anticancer evaluation, and docking study**  
ACAR ÇEVİK U., ÇELİK İ., Gorgulu S., Inan Z. D. S., BOSTANCI H. E., ÖZKAY Y., Kaplancıklı Z. A.  
DRUG DEVELOPMENT RESEARCH, vol.85, no.4, 2024 (SCI-Expanded)
- 6. Synthesis, DFT Calculations, *In Silico* Studies, and Antimicrobial Evaluation of Benzimidazole-Thiadiazole Derivatives**  
Isik A., ACAR ÇEVİK U., Karayel A., Ahmad I., Patel H., ÇELİK İ., GÜL Ü. D., Bayazit G., BOSTANCI H. E., Kocak A., et al.  
ACS OMEGA, vol.9, no.16, pp.18469-18479, 2024 (SCI-Expanded)
- 7. New Benzimidazole-Triazole Derivatives as Topoisomerase I Inhibitors: Design, Synthesis, Anticancer Screening, and Molecular Modeling Studies**  
Acar Cevik 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)
- 8. 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)
- 9. New benzimidazole-oxadiazole derivatives: Synthesis, alpha-glucosidase, alpha-amylase activity, and molecular modeling studies as potential antidiabetic agents**  
ACAR ÇEVİK U., ÇELİK İ., PASHAYEVA L., FATULLAYEV H., BOSTANCI H. E., ÖZKAY Y., KAPLANCIKLI Z. A.  
ARCHIV DER PHARMAZIE, vol.356, no.5, 2023 (SCI-Expanded)
- 10. New imidazole derivatives as aromatase inhibitor: Design, synthesis, biological activity, molecular docking, and computational ADME-Tox studies**  
Cetiner G., ACAR ÇEVİK U., ÇELİK İ., BOSTANCI H. E., ÖZKAY Y., KAPLANCIKLI Z. A.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1278, 2023 (SCI-Expanded)
- 11. Synthesis, Biological Evaluation, and Molecular Modeling Studies of New 1,3,4-Thiadiazole Derivatives as Potent Antimicrobial Agents**  
ACAR ÇEVİK U., ÇELİK İ., İNCE U., Maryam Z., Ahmad I., Patel H., ÖZKAY Y., KAPLANCIKLI Z. A.  
CHEMISTRY & BIODIVERSITY, vol.20, 2023 (SCI-Expanded)

12. **Design, Synthesis, and Biological Evaluation Studies of Novel Naphthalene-Chalcone Hybrids As Antimicrobial, Anticandidal, Anticancer, and VEGFR-2 Inhibitors**  
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26. **Synthesis and anticandidal activity of new thiazole derivatives**  
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27. **Synthesis and Biological Evaluation of Thiazole Derivatives as New Antifungal and Anticancer Agents**  
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28. **Evaluation of Genotoxic and Cytotoxic Activities of Some Hydrazone Derivates As New Anticandidal and Anticancer Agents**  
ILGIN S., ATLI Ö., ALTINTOP M. D., ÖZDEMİR A., TURAN G., İŞCAN G., KAPLANCIKLI Z. A.  
8. Uluslararası Katılımlı Türk Toksikoloji Derneği Kongresi, Turkey, 15 - 18 November 2012
29. **Evaluation of Genotoxic and Cytotoxic Activities of Some Hydrazine Derivates As New Anticandidal and Anticancer Agents**  
ILGIN S., ATLI Ö., ALTINTOP M. D., ÖZDEMİR A., TURAN G., İŞCAN G., KAPLANCIKLI Z. A.  
8. Uluslararası Katılımlı Türk Toksikoloji Derneği Kongresi, Turkey, 15 - 18 November 2012
30. **Bazı Yeni Tiyazolin Türevlerinin Sentezleri ve Antimikrobiyal Etkilerinin Araştırılması**  
ALTINTOP M. D., KAPLANCIKLI Z. A., DEMİREL R.  
III. Ulusal Farmasötik Kimya Kongresi, Malatya, Turkey, 14 - 16 September 2012
31. **Studies on Pyrazoline Derivatives as Antimicrobial Agents**  
VARSAK M., TUNALI Y., KARACA GENÇER H., ÖZDEMİR A., ALTINTOP M. D., KAPLANCIKLI Z. A., ZİTOUNİ G.  
10 th International Symposium on Pharmaceutical Sciences (ISOPS), 26 - 29 June 2012
32. **Synthesis and Antimicrobial Activity of Chalcone Derivatives Bearing Indole Moiety**  
ÖZDEMİR A., ALTINTOP M. D., KAPLANCIKLI Z. A., ZİTOUNİ G., TUNALI Y., KARACA GENÇER H.  
15. Hellenic Symposium on Medicinal Chemistry, 25 - 27 May 2012
33. **Synthesis and antimicrobial activity of some new hydrazone bridged pyrrole thiazole derivatives**  
YURTTAŞ L., ÖZKAY Y., KAPLANCIKLI Z. A., KARACA GENÇER H., TUNALI Y.  
15th Hellenic Symposium on Medicinal Chemistry (HSMC-15), 25 - 27 May 2012
34. **SYNTHESIS OF SOME THIADIAZOLE DERIVATIVES AS NEW ANTICONVULSANT AGENTS**  
KAPLANCIKLI Z. A., Altintop M. D., Ozdemir A., Turan-Zitouni G., CAN Ö. D.  
4th BBBB-Bled International Conference on Pharmaceutical Sciences - New Trends in Drug Discovery, Delivery Systems and Laboratory Diagnostics, Bled, Slovenia, 29 September - 01 October 2011, vol.44, pp.190-191
35. **SYNTHESIS OF SOME BENZOFURAN AND THEIR ANTITUBERCULOSIS ACTIVITY**  
Turan-Zitouni G., Ozdemir A., Kaplancikli Z. A., Altintop M. D.  
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36. **SYNTHESIS AND ANTIMICROBIAL ACTIVITY OF SOME CARBAZOLE DERIVATIVES**  
KAPLANCIKLI Z. A., Yurttas L., Turan-Zitouni G., Ozdemir A., Ozic R.  
4th BBBB-Bled International Conference on Pharmaceutical Sciences - New Trends in Drug Discovery, Delivery Systems and Laboratory Diagnostics, Bled, Slovenia, 29 September - 01 October 2011, vol.44, pp.178-179
37. **SYNTHESIS AND ANTIMICROBIAL ACTIVITY OF NEW PYRAZOLINE DERIVATIVES**  
Ozdemir A., Turan-Zitouni G., KAPLANCIKLI Z. A., Altintop M. D., DEMİRCİ F.  
4th BBBB-Bled International Conference on Pharmaceutical Sciences - New Trends in Drug Discovery, Delivery Systems and Laboratory Diagnostics, Bled, Slovenia, 29 September - 01 October 2011, vol.44, pp.165-166
38. **Synthesis and Antimicrobial Activity of 1,2,4-Triazine Derivatives**  
Kaplancikli Z. A., Turan G., Özdemir A., Altintop M. D., Tunali Y.  
45th International Conference on Medicinal Chemistry, Orleans, France, 1 - 03 July 2009
39. **The New Imidazol(1,2-a) Pyrazine-2-Carboxylic Acid Arylidene-Hydrazid Derivatives and Their Antimicrobial Activity**  
ÖZDEMİR A., KAPLANCIKLI Z. A., TUNALI Y., ZİTOUNİ G.  
International Symposium on Medicinal Chemistry Research and Development 2005, 28 September - 01 October

2005

40. **Synthesis and Antimicrobial Activities of Some 1-( $\alpha$ -(N,N Disubstitutedaminothiocarbonylthio)acetyl)-3,5-Diphenyl-2-Pyrazolines**  
ÖZDEMİR A., TUNALI Y., KAPLANCIKLI Z. A., ZİTOUNİ G.  
International Symposium on Pharmaceutical Chemistry, Proceedings, 327-328, İstanbul, (2003), 17 - 19  
September 2003
41. **Studies on the Synthesis of Some 2-Substituted Phenantrimidazole Derivatives**  
IŞIKDAĞ İ., UÇUCU Ü., GÜNDOĞDU KARABURUN N., KAPLANCIKLI Z. A., ÖZDEMİR A.  
4th International Symposium on Pharmaceutical Sciences (ISOPS-4), 27 - 30 June 1995

## Other Publications

1. **Design, synthesis and in-vitro COX inhibitory profiles of a new series of tetrazole-based hydrazones**  
Altıntop M. D., Sever B., Temel H. E., Kaplancıklı Z. A., Özdemir A.  
Other, pp.20-27, 2022

## Academic and Administrative Experience

2019 - Continues	<b>Head of Department</b>	Anadolu University
2013 - 2018	<b>Vice Rector</b>	Anadolu University
2013 - 2014	<b>Director of The Institution</b>	Anadolu University
2010 - 2013	<b>Assistant Director of the Institute</b>	Anadolu University

## Courses

FARMASÖTİK KİMYA III, Undergraduate, 2013 - 2014, 2011 - 2012, 2009 - 2010, 2007 - 2008, 2005 - 2006, 2003 - 2004

## Advising Theses

Kaplancıklı Z. A., Synthesis of new compounds containing methylsulfonyl pharmacophore and investigation of selective COX-2 inhibitory activities., Postgraduate, T.FALAH(Student), 2023

Kaplancıklı Z. A., Yeni heterosiklik bileşiklerin sentezi ve asetilkolin esteraz ve monoamin oksidaz inhibitör etkilerinin araştırılması, Postgraduate, B.KURBAN(Student), 2023

Kaplancıklı Z. A., Demir Özkay Ü., Yeni sentezlenen bazı fenilpropionik asid türevlerinin kronik hafif stres modeli oluşturulmuş sıçanlardaki antidepresan etkilerinin araştırılması, Doctorate, Ü.KANDEMİR(Student), 2023

Kaplancıklı Z. A., Yeni karbonik anhidraz inhibitörlerinin tasarımı, sentezi ve biyolojik aktivite çalışmaları, Postgraduate, D.ERZURUM(Student), 2022

Kaplancıklı Z. A., Yeni tiyosemikarbazon türevlerinin sentezleri ve dual AChE ve MAO-B inhibitör etkilerinin araştırılması, Postgraduate, A.NUR(Student), 2022

Kaplancıklı Z. A., Yeni kinaz inhibitörlerinin tasarımı, sentezi ve biyolojik aktivite çalışmaları, Doctorate, D.OSMANİYE(Student), 2021

Kaplancıklı Z. A., Yeni siklooksijenaz inhibitörü bileşiklerin tasarımı, sentezi ve biyolojik aktivite çalışmaları, Doctorate, B.KAYA(Student), 2019

Kaplancıklı Z. A., Synthesis and biological evaluation of new cholinesterase inhibitors, Doctorate, W.ABDULRAHEEM(Student), 2017

Altıntop M. D., Kaplancıklı Z. A., Synthesis and Biological Activity Studies of New Triazolothiadiazine Derivatives , Postgraduate, B.SEVER(Student), 2015

Kaplancıklı Z. A., Bazı yeni tiyazolin türevlerinin sentezleri ve antimikrobiyal etkilerinin araştırılması, Doctorate, M.DİLEK(Student), 2012

Kaplancıklı Z. A., Bazı 1-(2-aril-2-okzoetil)-2-[(morfolin-4-il)tiyoksometil]benzimidazol türevlerinin sentezi ve antikanser etkilerinin araştırılması, Doctorate, L.YURTTAŞ(Student), 2012

Kaplancıklı Z. A., Bazı yeni triazol türevlerinin sentezleri ve antifungal etkilerinin araştırılması, Postgraduate, M.DİLEK(Student), 2009

## Research Areas

Pharmaceutical Chemistry