CURRICULUM VITAE AND PUBLICATIONS LIST

CURRICULUM VITAE

Name and Surname: Bedia Kaymakçıoğlu

Academic Title: Professor Dr.

Work Address:

Email: bkaymakcioglu@biruni.edu.tr

Foreign Languages Known (Score and Year): English, B2 Upper Intermediate, 2024

Area of Expertise: Health Sciences
Natural Sciences

Degree	Department/Program	University	Year
Doctorate	FARMASÖTİK KİMYA (DR)	Marmara University	2001
Master's Degree	FARMASÖTİK KİMYA (YL) (TEZLİ)	Ankara University	1996
Bachelor's Degree	ECZACILIK PR.	Ankara University	1993

Master's Thesis Title (abstract attached) and Thesis Supervisor(s):

Bazı yeni N-(2-hidroksi-5-sübstitüefenil) benzenasetamid, fenoksiasetamid ve tiyofenoksiasetamid türevlerinin sentez, yapı aydınlatması, mikrobiyolojik etkilerinin saptanması ve olası metabolit etkinliklerinin araştırılması

Doctoral Thesis/Proficiency Study/Medical Specialization Thesis Title (abstract attached) and Supervisor(s):

4-Amino-3,5-dimetilpirazolden türeyen sübstitüe üre, tiyoüre ve hidrazonların sentezi ve biyolojik aktivitelerinin incelenmesi

Position Title	Workplace	Year
Professor Dr.	Biruni University	2023-Continues
Professor Dr.	Marmara University	2012-Continues
Associate Professor	Marmara University	2006-Continues
Assistant Professor	Marmara University	2002-2006
Lecturer	Marmara University	2001-2002
Research Assistant	Marmara University	1998-2001
Research Assistant	Ankara University	1993-1996

Supervised Master's Theses:

1. Bazı yeni hidrazid-hidrazonlar ve bunlardan türetilen metal komplekslerinin sentezi ve aktivitelerinin incelenmesi” (2015)

Supervised Doctoral Theses/Proficiency Studies in Arts:

1. Kaderiye Akdağ, Bazı Yeni Hidrazid-Hidrazonlar ve Bunlardan Türetilen Sübstitüe 1,3,4-Oksadiazol Türevlerinin Sentezi ve Analjezik-Antiinflamatuvar Aktivitelerinin İncelenmesi (2018)

Roles in Projects:

1. *Yeni 2-Pirazolin Türevlerinin Antihiperglisemik Potansiyeli: Yapı-Temelli Tasarımı, İn Silico Çalışmaları, Sentezi ve Biyolojik Aktivite Değerlendirmesi*, TUBITAK Project, Kaymakçıoğlu B. (Executive), 2025-Continues.

2. *Alzheimer Hastalığının Tedavisine Yönelik Çok Hedefli Sülfonamit Grubu Taşıyan Yeni Tiyoüre Ve 1,3-Tiyazolidin-4-On Türevlerinin Tasarımı, Sentezi Ve Biyolojik Aktivite Çalışmaları*, Project Supported by Higher Education Institutions, Kaymakçıoğlu B., 2024-Continues.

3. *Moleküler Modelleme Tabanlı Antidiyabetik Aktivite Potansiyeline Sahip Yeni Sülfonamit-Pirazolin Hibrit Moleküllerinin Tasarım, Sentezi Ve Aktivite Çalışmaları.*, Project Supported by Higher Education Institutions, Kaymakçıoğlu B., 2025-Continues.

4. *Biyolojik Etkinlik Göstermesi Muhtemel Nabumeton Türevi Bileşiklerinin Sentezi Ve Yapı Karakterizasyonu*, Project Supported by Higher Education Institutions, Bardakkaya M., Uğraş Z., Kaymakçıoğlu B. (Executive), 2024-Continues.

5. *Piperidin halkası taşıyan bazı yeni hidrazonların ve bunlardan türetilen metal komplekslerinin sentezi, yapılarının aydınlatılması ve antikanser aktivitelerinin incelenmesi*, Emergency R&D Project of Group A, Kaymakçıoğlu B., Tok F. (Executive), 2023-Continues.

6. *Proje Başlığı : Bazı yeni tiyosemikarbazon türevlerinin sentezi, yapısının aydınlatılması, AChE ve BChE enzim inhibitör özellikleri ve moleküler docking çalışmaları*, Emergency R&D Project of Group A, Kaymakçıoğlu B., Uğraş Z. (Executive), 2024-Continues.

7. *Bebeklerde Pişik Önleyici Amaçla, Biodegradable Fiber Kumaş İçeren Bitkisel İçerikli Islak Mendillerin Geliştirilmesi*, Company, Kaymakçıoğlu B. (Executive), 2022-2022.

8. *Marmara Üniversitesi Eczacılık Fakültesi Enstrümental Analiz Laboratuvarının Kurulması*, Project Supported by Higher Education Institutions, Kaymakçıoğlu B., 2017-2022.

9. *Tüberküloz tedavisi alan çocuk hastalarda terapötik ilaç izlemi SAG A 130511 0128*, Project Supported by Higher Education Institutions, Kaymakçıoğlu B., 2018-2022.

10. *Bazı yeni piridin halkası taşıyan moleküllerin sentezi, yapılarının aydınlatılması, biyolojik aktivitelerinin incelenmesi*, Project Supported by Higher Education Institutions, Kaymakçıoğlu B., Karaca Gençer H., Tok F. (Executive), 2019-2020.

11. *Monoamin Oksidaz (MAO) ve Kolin Esteraz (ChE) İnhibitörü Olabilecek Yeni Oksadiazol Türevlerinin Tasarımı, Sentezi ve Aktivitelerinin İncelenmesi*, TUBITAK Project, Özkay Y., Tok F., Uğraş Z., Kaymakçıoğlu B. (Executive), 2019-2020.

12. *BAZI YENİ 2 SÜBSTİTÜE 5 ARİLOKSİMETİL 1 3 4 OKSADİAZOL TÜREVLERİNİN SENTEZİ VE BİYOLOJİK AKTİVİTELERİNİN İNCELENMESİ*, Project Supported by Higher Education Institutions, Kaymakçıoğlu B. (Executive), 2015-2018.

13. *Piridin halkası taşıyan bazı yeni üre ve karbohidrazid türevi bileşiklerin sentezi yapı aydınlatması ve biyolojik aktivitelerinin incelenmesi*, Project Supported by Higher Education Institutions, Kaymakçıoğlu B. (Executive), 2016-2018.

14. *Poli ADP Riboz polimeraz inhibitörü yeni karbohidrazid ve üre türevlerinin sentezi ve aktivitelerinin incelenmesi*, TUBITAK Project, Kaymakçıoğlu B. (Executive), 2016-2018.

15. *Bazı yeni hidrazon türevi bileşiklerin antimikrobiyal aktivitelerinin yeni alternatif teknikler ile belirlenmesi*, Project Supported by Higher Education Institutions, Kaymakçıoğlu B., Kapkaç H. A., Sani Bozkurt S., Can N. Ö. (Executive), 2016-2017.

16. *Bazı Yeni Hidrazid Hidrazonlar ve Bunlardan Türetilen Sübstitüe 1 3 4 Oksadiazol Türevlerinin Sentezi ve Biyolojik Aktivitelerinin İncelenmesi SAG C DRP 120613 0250*, Project Supported by Higher Education Institutions, Kaymakçıoğlu B. (Executive), 2013-2016.

17. *Bazı Yeni Hidrazid Hidrazonlar ve Bunlardan Türetilen Sübstitüe 1 3 4 Oksadiazol Türevlerinin Sentezi ve Analjezik Antiinflamatuar Aktivitelerinin İncelenmesi SAG A 090512 0128*, Project Supported by Higher Education Institutions, Kaymakçıoğlu B. (Executive), 2012-2016.

18. *5 Kloropirazin 2 karbohidrazitten hareketle elde edilen bazı yeni hidrazonlar ve Pd II komplekslerinin sitotoksik aktivitesi SAG D 100615 0258*, Project Supported by Higher Education Institutions, Kaymakçıoğlu B. (Executive), 2015-2015.

19. *Bazı yeni hidrazid hidrazonlar ve bunlardan türetilen metal komplekslerinin sentezi ve biyolojik aktivitelerinin incelenmesi*, Project Supported by Higher Education Institutions, Kaymakçıoğlu B. (Executive), 2012-2015.

Administrative Duties:

1. Commission Member under Rectorate - Marmara University (2015 - 2023)
2. Faculty Board Member - Marmara University (2015 - 2021)
3. Phase Coordinator - Marmara University (2015 - 2020)
4. Vice Dean - Marmara University (2015 - 2020)
5. Deputy Institute Director - Marmara University (2012 - 2015)
6. Faculty Executive Board Member - Marmara University (2012 - 2015)
7. Deputy Institute Director - Marmara University (2008 - 2010)

Awards:

1. Novartis Farmasötik ve Medisinal Kimya İlaç Tasarım ve Geliştirme Araştırma (2010)
2. Marmara Üniversitesi Yayın Ödülü (2003)
3. Marmara Üniversitesi Yayın Ödülü (2002)

PUBLICATIONS

A. Articles published in international peer-reviewed journals:

A1. Sellitepe H. E., Kaymakçıoğlu B., Aksel A. B., Barut B., Özel A., "Naphthyl-Based Thiosemicarbazide, 1,2,4-Triazole, and 1,3,4-Oxadiazole Derivatives: Synthesis, Tyrosinase and α-Glucosidase Inhibition, and Molecular Modeling Studies", *Journal of Molecular Structure*, vol. 1382, 2027.

A2. Doğan M. O., Oruç-emre E. E., Alyamaç İ. T., Taşdemir D., Solak Z. D. T., Tatar Yılmaz G., Kaymakçıoğlu B., Tok F., "Piperidine-Based Hydrazones and Their Pt(II)/Pd(II) Complexes: Synthesis, Structural Characterization, In Vitro Anticancer Evaluation, and In Silico Studies", *Drug Development Research*, vol. 87, no. 2, 2026.

A3. Baltacı Ş. R., Osmaniye D., Özkay Y., Kaplancıklı Z. A., Kaymakçıoğlu B., Tok F., "Synthesis, Anticancer Activity Evaluation, and Molecular Docking Studies of Some New Chalcone and Pyrazoline Derivatives", *CHEMISTRY & BIODIVERSITY*, vol. 23, no. 6, pp. 1-10, 2026.

A4. Karakuş S., Usta M., Tok F., Erdoğan Ö., Şentürk M., Çevik Ö., Kaymakçıoğlu B., "Synthesis and Apoptotic Effects of DNMT Inhibition Targeted Novel Hybrid Molecules Bearing Thiadiazole and Clopidogrel for Cancer Treatment", *Polycyclic Aromatic Compounds*, 2025.

A5. Tok F., Baltaş N., Abas B. İ., Tatar Yılmaz G., Kaya S., Kaymakçıoğlu B., Çevik Ö., "Design, synthesis, molecular modeling, in vitro evaluation of novel piperidine-containing hydrazone derivatives as cholinesterase inhibitors", *Drug Development Research*, vol. 85, no. 5, 2024.

A6. Demiraran S., Osmaniye D., Özkay Y., Kaplancıklı Z. A., Kaymakçıoğlu B., Tok F., "Synthesis, characterization, biological evaluation and in silico studies of novel 1,3,4-thiadiazole derivatives as aromatase inhibitors", *Journal of Molecular Structure*, vol. 1296, 2024.

A7. Tok F., Bayrak İ. R., Karakaraman E., Soysal İ., Çakır C., Tuna K., Özgüven S. Y., Sıcak Y., Öztürk M., Kaymakçıoğlu B., "Synthesis, Characterization, Molecular Docking Studies and Biological Evaluation of Some Novel 3,5-disubstituted-1-phenyl-4,5-dihydro-1H-pyrazole Derivatives", *Current Organic Chemistry*, vol. 28, no. 3, pp. 230-240, 2024.

A8. Kahvecioglu D., Ozguven S. Y., Sicak Y., Tok F., Öztürk M., Kaymakçıoğlu B., "Synthesis and molecular docking analysis of novel hydrazone and thiosemicarbazide derivatives incorporating a pyrimidine ring: exploring neuroprotective activity", *Journal of Biomolecular Structure and Dynamics*, 2024.

A9. Tok F., Yang X., Tabanca N., Kaymakçıoğlu B., "Synthesis of Phthalimide Derivatives and Their Insecticidal Activity against Caribbean Fruit Fly, Anastrepha suspensa (Loew)", *Biomolecules*, vol. 13, no. 2, 2023.

A10. Tok F., Kaymakçıoğlu B., "Recent Advances in the Microwave and Ultrasound-assisted Synthesis of Pyrazole Scaffolds", *Current Organic Chemistry*, vol. 27, no. 12, pp. 1053-1071, 2023.

A11. Tok F., Cihangir H., Şan K., Çakir C., Tuna K., Sicak Y., Öztürk M., Kaymakçıoğlu B., "Synthesis, characterization and biological evaluation of some novel sulfonylurea derivatives", *Journal of Research in Pharmacy*, vol. 27, no. 6, pp. 2416-2424, 2023.

A12. Tok F., Sağlık B. N., Özkay Y., Kaplancıklı Z. A., Kaymakçıoğlu B., "Design, synthesis, biological activity evaluation and in silico studies of new nicotinohydrazide derivatives as multi-targeted inhibitors for Alzheimer's disease", *Journal of Molecular Structure*, vol. 1265, 2022.

A13. Tok F., Sağlık B. N., Özkay Y., Kaplancıklı Z. A., Kaymakçıoğlu B., "N-Substituted Arylidene-3-(Methylsulfonyl)-2-Oxoimidazolidine-1-Carbohydrazide as Cholinesterase Inhibitors: Design, Synthesis, and Molecular Docking Study", *Chemistry and Biodiversity*, vol. 19, no. 8, 2022.

A14. Yilmaz S., Tok F., Atalay-sahar E., Kaymakçıoğlu B., Ballarkırmızıbayrak P., "Induction of Divergent Cell Death Pathways by Urea and Carbohydrazide Derivatives", *Anti-Cancer Agents in Medicinal Chemistry*, vol. 22, no. 9, pp. 1761-1768, 2022.

A15. Tok F., Baltaş N., Tatar G., Kaymakçıoğlu B., "Synthesis, Biological Evaluation and in Silico Studies of New Pyrazoline Derivatives Bearing Benzo[d]thiazol-2(3H)-one Moiety as Potential Urease Inhibitors", *Chemistry and Biodiversity*, vol. 19, no. 3, 2022.

A16. Tok F., Tilki E. K., Dikmen M., Kaymakçıoğlu B., "Synthesis and anticancer activity of new carbohydrazide derivatives bearing furan moiety", *Journal of Research in Pharmacy*, vol. 26, no. 1, pp. 13-19, 2022.

A17. Tok F., Kaya M., Karaca H., Kaymakçıoğlu B., "Synthesis of some novel 1,3,4-oxadiazole derivatives and evaluation of their antimicrobial activity", *Synthetic Communications*, vol. 52, no. 6, pp. 926-935, 2022.

A18. Tok F., Küçükal B., Baltaş N., Tatar Yılmaz G., Kaymakçıoğlu B., "Synthesis of novel thiosemicarbazone derivatives as antidiabetic agent with enzyme kinetic studies and antioxidant activity", *Phosphorus, Sulfur and Silicon and the Related Elements*, vol. 197, no. 12, pp. 1284-1294, 2022.

A19. Tok F., Doğan M. O., Gürbüz B., Kaymakçıoğlu B., "Synthesis of novel pyrazoline derivatives and evaluation of their antimicrobial activity", *Journal of Research in Pharmacy*, vol. 26, no. 5, pp. 1453-1460, 2022.

A20. Okuyan B., Tok F., Karakuş S., Dalgiç N., Çakir E., Midyat L., Kaymakçıoğlu B., Berk U. E., İzzettin F. V., Rollas S. vd., "Therapeutic Drug Monitoring in Pediatric Patients Treated with Anti-Tuberculosis Medications by High Performance Liquid Chromatography", *Journal of Research in Pharmacy*, vol. 26, no. 6, pp. 1907-1914, 2022.

A21. Akdağ K., Tok F., Karakuş S., Erdoğan Ö., Çevik Ö., Kaymakçıoğlu B., "Synthesis and Biological Evaluation of Some Hydrazide-Hydrazone Derivatives as Anticancer Agents", *Acta Chimica Slovenica*, vol. 69, no. 4, pp. 863-875, 2022.

A22. Tok F., Sağlık B. N., Özkay Y., Ilgın S., Kaplancıklı Z. A., Kaymakçıoğlu B., "Synthesis of new hydrazone derivatives and evaluation of their monoamine oxidase inhibitory activity", *Bioorganic Chemistry*, vol. 114, 2021.

A23. Tok F., Uğraş Z., Sağlık B. N., Özkay Y., Kaplancıklı Z. A., Kaymakçıoğlu B., "Novel 2,5-disubstituted-1,3,4-oxadiazole derivatives as MAO-B inhibitors: Synthesis, biological evaluation and molecular modeling studies", *Bioorganic Chemistry*, vol. 112, 2021.

A24. Tok F., İrem Abas B., Çevik Ö., Kaymakçıoğlu B., "Design, synthesis and biological evaluation of some new 2-Pyrazoline derivatives as potential anticancer agents", *Bioorganic Chemistry*, vol. 102, 2020.

A25. Türk S., Tok F., Erdoğan Ö., Çevik Ö., Tok T. T., Kaymakçıoğlu B., Karakuş S., "Synthesis, anticancer evaluation and in silico ADMET studies on urea/thiourea derivatives from gabapentin", *Phosphorus, Sulfur and Silicon and the Related Elements*, vol. 196, no. 4, pp. 382-388, 2020.

A26. Tok F., Kaymakçıoğlu B., "Design, synthesis and biological screening of novel 1,5-diphenyl-3-(4-(trifluoromethyl)phenyl)-2-pyrazoline derivatives", *Acta Chimica Slovenica*, vol. 67, no. 4, pp. 1139-1147, 2020.

A27. Tok F., Kaymakçıoğlu B., Sağlık B. N., Levent S., Özkay Y., Kaplancıklı Z. A., "Synthesis and biological evaluation of new pyrazolone Schiff bases as monoamine oxidase and cholinesterase inhibitors", *Bioorganic Chemistry*, vol. 84, pp. 41-50, 2019.

A28. Kaymakçıoğlu B., Yazici S. S., Tok F., Dikmen M., Engür S., Oruc-emre E. E., Iyidogan A., "Synthesis and anticancer activity of new hydrazide-hydrazones and their Pd(II) complexes", *Letters in Drug Design and Discovery*, vol. 16, no. 5, pp. 522-532, 2019.

A29. Tok F., Kaymakçıoğlu B., İlhan R., Yilmaz S., Ballar-kirmizibayrak P., Taşkin-tok T., "Design, synthesis, biological evaluation and molecular docking of novel molecules to PARP-1 enzyme", *Turkish Journal of Chemistry*, vol. 43, no. 5, pp. 1290, 2019.

A30. Tok F., İlhan R., Günal S., Ballar-kirmizibayrak P., Kaymakçıoğlu B., "Design, synthesis and evaluation of the biological activities of some new carbohydrazide and urea derivatives Bazı yeni karbohidrazit ve üre türevlerinin tasarımı, sentezi ve biyolojik aktivitelerinin değerlendirilmesi", *Turkish Journal of Pharmaceutical Sciences*, vol. 15, no. 3, pp. 304-308, 2018.

A31. Karaman N., Adil Zainel R., Kapkaç H. A., Karaca Gençer H., Ilgın S., Karaduman A. B., Karaküçük-iyidoğan A., Oruç-emre E. E., Kaymakçıoğlu B., "Design and evaluation of biological activities of 1,3-oxazolidinone derivatives bearing amide, sulfonamide, and thiourea moieties", *Archiv der Pharmazie*, vol. 351, no. 9, 2018.

A32. Karakuş S., Tok F., Türk S., Salva E., Tatar G., Taskın-tok T., Kaymakçıoğlu B., "Synthesis, anticancer activity and ADMET studies of N-(5-methyl-1,3,4-thiadiazol-2-yl)-4-[(3-substituted)ureido/thioureido] benzenesulfonamide derivatives", *Phosphorus, Sulfur and Silicon and the Related Elements*, vol. 193, no. 8, pp. 528-534, 2018.

A33. Tok F., Kaymakçıoğlu B., Tabanca N., Estep A. S., Gross A. D., Geldenhuys W. J., Becnel J. J., Bloomquist J. R., "Synthesis and structure–activity relationships of carbohydrazides and 1,3,4-oxadiazole derivatives bearing an imidazolidine moiety against the yellow fever and dengue vector, Aedes aegypti", *Pest Management Science*, vol. 74, no. 2, pp. 413-421, 2018.

A34. Akdağ K., Ünal G., Tok F., Aricioğlu F., Edip Temel H., Kaymakçıoğlu B., "Synthesis and biological evaluation of some new hydrazone derivatives bearing pyrimidine ring as analgesic and anti-inflammatory agents", *Acta Poloniae Pharmaceutica - Drug Research*, vol. 75, no. 5, pp. 1147-1159, 2018.

A35. Beyhan N., Kaymakçıoğlu B., Gümrü S., Aricioglu F., "Synthesis and anticonvulsant activity of some 2-pyrazolines derived from chalcones", *Arabian Journal of Chemistry*, vol. 10, 2017.

A36. Türk S., Tok F., Çelık H., Karakuş S., Nadaroğlu H., Kaymakçıoğlu B., Küçükoğlu K., "Some N-(5-methyl-1,3,4-thiadiazol-2-yl)-4-[(3-substituted)ureido/thioureido]benzenesulfonamides as carbonic anhydrase I and II inhibitors Karbonik anhidraz I ve II inhibitörü olan bazı N-(5-metil-1,3,4-tiyadiazol-2-il)-4-[(3-sübstitüe)üreido/tiyoüreido] benzensülfonamitler", *Marmara Pharmaceutical Journal*, vol. 21, no. 1, pp. 89-95, 2017.

A37. Tok F., Beyhan N., Erzurumlu Y., İlhan R., Ballar P., Kaymakçıoğlu B., "Antiproliferative activity of some tautomeric hydrazones derived from chalcones Şalkonlardan hareketle elde edilen bazı tautomerik hidrazonların antiproliferatif aktiviteleri", *Marmara Pharmaceutical Journal*, vol. 20, no. 2, pp. 157-163, 2016.

A38. Karaman N., Sıcak Y., Taşkın-tok T., Öztürk M., Karaküçük-iyidoğan A., Dikmen M., Kaymakçıoğlu B., Oruç-emre E. E., "New piperidine-hydrazone derivatives: Synthesis, biological evaluations and molecular docking studies as AChE and BChE inhibitors", *European Journal of Medicinal Chemistry*, vol. 124, pp. 270-283, 2016.

A39. Akdag K., Kaymakçıoğlu B., Tabanca N., Ali A., Estep A., Becnel J. J., Khan I. A., "Synthesis and larvicidal and adult topical activity of some hydrazidehydrazone derivatives against Aedes aegypti Bazı hidrazit-hidrazon türevlerinin sentezi ve larvasidal etkileri", *Marmara Pharmaceutical Journal*, vol. 18, no. 3, pp. 120-125, 2014.

A40. Tabanca N., Ali A., Bernier U. R., Khan I. A., Kaymakçıoğlu B., Oruç-emre E. E., Unsalan S., Rollas S., "Biting deterrence and insecticidal activity of hydrazide-hydrazones and their corresponding 3-acetyl-2,5-disubstituted-2,3-dihydro-1,3,4-oxadiazoles against Aedes aegypti", *Pest Management Science*, vol. 69, no. 6, pp. 703-708, 2013.

A41. Kaymakçıoğlu B., Celen A. O., Tabanca N., Ali A., Khan S. I., Khan I. A., Wedge D. E., "Synthesis and biological activity of substituted urea and thiourea derivatives containing 1,2,4-triazole moieties", *Molecules*, vol. 18, no. 3, pp. 3562-3576, 2013.

A42. Kaymakçıoğlu B., Oruç-emre E. E., Ünsalan S., Tabanca N., Khan S. I., Wedge D. E., İşcan G., Demirci F., Rolla S., "Synthesis and biological activity of hydrazide-hydrazones and their corresponding 3-Acetyl-2,5-disubstituted-2,3-dihydro-1,3,4-oxadiazoles", *Medicinal Chemistry Research*, vol. 21, no. 11, pp. 3499-3508, 2012.

A43. Rollas S., Kokyan Ş., Kaymakçıoğlu B., Özbaş-turan S., Akbuğa J., "Synthesis and evaluation of cytotoxic activities of some substituted isoxazolone derivatives Sübstitüe izoksazolon türevlerinin sentezi ve sitotoksik aktivitelerinin değerlendirilmesi", *Marmara Pharmaceutical Journal*, vol. 15, no. 3, pp. 94-99, 2011.

A44. Kaymakçıoğlu B., Aker R. G., Tezcan K., Sakalli E., Ketenci S., Oruç-emre E. E., Akin D., Gurbanova A., Terzioglu B., Onat F. vd., "Anticonvulsant activity of 3,5-dimethylpyrazole derivatives in animal models", *Medicinal Chemistry Research*, vol. 20, no. 5, pp. 607-614, 2011.

A45. Kaymakçıoğlu B., Elçin Oruç-emre E., Unsalan S., Rollas S., "Antituberculosis activity of hydrazones derived from 4-fluorobenzoic acid hydrazide", *Medicinal Chemistry Research*, vol. 18, no. 4, pp. 277-286, 2009.

A46. Karakus S., Kaymakçıoğlu B., Toklu H. Z., Aricioglu F., Rollas S., "Synthesis and anticonvulsant activity of new N-(alkyl/Substituted aryl)-N'-[4-(5-cyclohexylamino)-1,3,4-thiadiazole-2-ylphenyl]thioureas", *Archiv der Pharmazie*, vol. 342, no. 1, pp. 48-53, 2009.

A47. Kaymakçıoğlu B., Toklu H., Ikiz S., Bagcigil F. A., Rollas S., Ozgur Y. N., Ak S., "Synthesis and antinociceptive-antimicrobial activities of some new amide derivatives of 3,5-di/-and 1,3,5-trimethylpyrazoles", *Journal of Enzyme Inhibition and Medicinal Chemistry*, vol. 23, no. 4, pp. 454-461, 2008.

A48. Kaymakçıoğlu B., Ünsalan S., Küçükgüzel Ş. G., Şener G., Rollas S., "HPLC analysis of in vivo metabolites of 4-nitrobenzoic acid [(5-nitro-2-thiopheneyl)methylene]hydrazide in rats", *European Journal of Drug Metabolism and Pharmacokinetics*, vol. 32, no. 4, pp. 197-203, 2007.

A49. Kaymakçıoğlu B., Yilmaz U., Aricioglu F., "High pressure liquid chromatographic analysis of in vivo metabolites of N-(substituted phenyl)-N′-(1,3,5-trimethyl pyrazole-4-yl)thioureas in rats", *European Journal of Drug Metabolism and Pharmacokinetics*, vol. 32, no. 4, pp. 225-232, 2007.

A50. Oruç E., Kaymakçıoğlu B., Oral B., Altunbas-toklu H., Kabasakal L., Rollas S., "Synthesis of some novel azo derivatives of 3,5-dimethly-1-(2-hydroxyethyl) pyrazole as potent analgesic agents", *Archiv der Pharmazie*, vol. 339, no. 5, pp. 267-272, 2006.

A51. Kaymakçıoğlu B., "An high performance liquid chromatographic method for the quantification of cotinine in the urine of preschool children", *Pharmazie*, vol. 61, no. 10, pp. 823-827, 2006.

B. Papers presented at international scientific meetings and published in proceedings:

B1. Doğan M. O., Tok F., Emre E. E., Kaymakçıoğlu B., Synthesis and Structure Elucidation of Some New Hydrazones Bearing Piperidine Ring and Their Derived Metal Complexes, In: *14. International Drug Chemistry Conference*, Antalya, Turkey, 2026, pp. 136.

B2. Kaymakçıoğlu B., Tok F., Baltacı Ş. R., Synthesis of Some New Chalcone and Pyrazoline Derivatives Bearing Piperazine Ring and Evaluation of Their Biological Activity, In: *18 th, International Medicina and Health Sciences Researches Congress*, Ankara, Turkey, 2025.

B3. Kaymakçıoğlu B., Tatar Yılmaz G., Emre E. E., İyidoğan A., Tok F., Investigation of Novel Sulfonamide-Pyrazoline Hybrid Molecules with Potential Antidiabetic Activity Based on Molecular Modelling Against α-Glucosidase, Aldose Reductase and Dipeptidyl Peptidase 4 (DPP-4),, In: *13. International Drug Chemistry Conference*, Antalya, Turkey, 2025.

B4. Kaymakçıoğlu B., Öztürk M., Sıcak Y., Emre E. E., Tok F., İyidoğan A., Taşdemir D., Design and Synthesis of New Thoureas Bearing Sulfonamide Moeity as Multi-Targeted Agents for The Treatment of Alzhemer's Disease, In: *13. International Drug Chemistry Conference*, Antalya, Turkey, 2025.

B5. Türk S., Tok F., Ulusoy S., Karakuş S., Kaymakçıoğlu B., Tınaz G., Synthesis, characterization and anti-biofilm activity studies on novel urea/thiourea derivatives, In: *12th International Symposium on Pharmaceutical Sciences-ISOPS 2018*, Ankara, Turkey, 2018, pp. 404-404.

B6. Tok F., Kaymakçıoğlu B., Discovery of novel urea and carbohydrazide derivatives as potent PARP-1 inhibitors, In: *54th International Conference on Medicinal Chemistry-RICT 2018*, Strazburg, France, 2018.

B7. Pirinçci Y., Tok F., Kaymakçıoğlu B., Synthesis and biological evaluation of new schiffbases from antipyrine derivatives, In: *54th International Conference on Medicinal Chemistry-RICT 2018*, Strazburg, France, 2018.

B8. Kaymakçıoğlu B., Tok F., Taşkın Tok T., Design of potent PARP-1 inhibitors through molecular modeling techniques, In: *54th International Conference on Medicinal Chemistry-RICT 2018*, Strazburg, France, 2018.

B9. Tok F., Kaymakçıoğlu B., Gunal S., İlhan R., Ballar Kırmızıbayrak P., Design, synthesis and biological evaluation of nicotinate derivatives for cancer therapy, In: *12th International Symposium on Pharmaceutical Sciences-ISOPS 2018*, Ankara, Turkey, 2018, pp. 374-374.

B10. Tok F., Kaymakçıoğlu B., Sağlık B. N., Özkay Y., Synthesis of novel antipyrine derivatives as cholinesterase inhibitors, In: *12th International Symposium on Pharmaceutical Sciences-ISOPS 2018*, Ankara, Turkey, 2018, pp. 374-375.

B11. Pirinçci Y., Tok F., Kaymakçıoğlu B., Levent S., Kaplancıklı Z. A., Synthesis of novel schiff base derivatives and evaluation oftheir monoamine oxidase inhibitory activity, In: *12th International Symposium on Pharmaceutical Sciences-ISOPS 2018*, Ankara, Turkey, 2018, pp. 409-409.

B12. Tok F., İlhan R., Gunal S., Ballar Kırmızıbayrak P., Kaymakçıoğlu B., CYTOTOXICITY OF SOME NEW CARBOHYDRAZIDE AND UREADERIVATIVES BEARING PYRIDINE RING, In: *2th International Gazi Pharma Symposium Series*, Ankara, Turkey, 2017.

B13. Gürel N., Tok F., Türk S., Karakuş S., Taşkın Tok T., Kaymakçıoğlu B., Design of Potent Multi-target CAs inhibitors through Pharmacophore Modeling, In: *5th International BAU Drug Design Congress*, İstanbul, Turkey, 2017.

B14. Tok F., Kaymakçıoğlu B., Tabanca N., Estep A., Gross A., Geldenhuys W., Becnel J., Bloomquıst J., SYNTHESIS AND STRUCTURE-ACTIVITY RELATIONSHIPS OFCARBOHYDRAZIDES AND 1,3,4-OXADIAZOLE DERIVATIVESBEARING IMIDAZOLIDINE MOIETY AGAINST THE YELLOWFEVER AND DENGUE VECTOR, AEDES AEGYPTI, In: *2th International Gazi Pharma Symposium Series*, Ankara, Turkey, 2017, pp. 211-211.

B15. Gürel N., Tok F., Türk S., Karakuş S., Taşkın Tok T., Kaymakçıoğlu B., Pharmacophore Modeling For Design of Multi-Target CAs Inhibitors, In: *UEMK Conferences*, Gaziantep, Turkey, 2017.

B16. Kaymakçıoğlu B., Akdağ K., Temel H. E., Synthesis and Anti-inflammatory Activities of Some Pyrimidine Hydrazide Hydrazones, In: *17.Österreichische Chemietega 2017, Joint Meeting of the Swiss and Austrian Chemical Societies*, Salzburg, Austria, 2017.

B17. Kaymakçıoğlu B., Akdag K., Temel H. E., Synthesis and Anti-inflammatory Activities of Some Hydrazide Hydrazones of Methyl 4-Chloro-2-Methylthio-5-Pyrimidinecarboxylate, In: *3RD International Convention of Pharmaceuticals And Pharmacies,*, İstanbul, Turkey, 2017.

B18. Sev P., Yıldız S., Düzenli G., Tok F., Kaymakçıoğlu B., Synthesis, characterization and antimicrobial activity evaluation of new some amide derivatives from isonipecotic acid, In: *IVEK 3RD International Convention of Pharmaceuticals And Pharmacies*, İstanbul, Turkey, 2017.

B19. Tabanca N., Kaymakçıoğlu B., Beyhan N., Bernıer U., Alı A., Khan I. A., Bloomquıst J., Mosquito activity of a series of chalcones and 2 pyrazoline derivatives against Aedes aegypti, In: *The 103rd Annual Meeting of the New Jersey Mosquito Control Association March 2 - 4, 2016 , Golden Nugget – Atlantic City, NJ*, New Jersey, United States, 2016.

B20. Tok F., Türk S., Çelik H., Hayrünnisa N., Küçükoğlu K., Karakuş S., Kaymakçıoğlu B., Gülmez H. M., Synthesis and evaluation of some sulfonamide derivatives carrying thiourea moiety as potential inhibitors of human carbonic anhydrase isoenzymes hca I and hca II, In: *International Multidisciplinary Symposium on Drug Research& Development.*, Ankara, Turkey, 2015.

B21. Tok F., Kaya E., Dikmen M., Kaymakçıoğlu B., Anticancer activity of some amide derivatives bearing hydrazide moiety, In: *6th BBBB Conference on Pharmaceutical Sciences Strategies to Improve the Quality and Performance of Modern Drug Delivery Systems.*, Bled, Slovenia, 2015.

D. Articles published in national peer-reviewed journals:

D1. Tok F., Erdoğan Ö., Çevik Ö., Kaymakçıoğlu B., "Design, Synthesis, in Silico ADMET Studies and Anticancer Activity of Some New Pyrazoline and Benzodioxole Derivatives", *Acta Chimica Slovenica*, 2022.

E. Papers presented at national scientific meetings and published in proceedings:

E1. Tok F., Kaymakçıoğlu B., Kanserle tedavisinde yeni bir yaklaşım olan PARP-1 inhibitörlerinin tasarımı ve sentezi, In: *2.Ulusal Marmara Eczacılık Kongresi*, İstanbul, Turkey, 2018.

E2. Karakuş S., Sancar M., Dalgıc N., Okuyan B., Çakır E., Mıdyat L., Erenberk U., İzzettin F. V., Rollas S., Kaymakçıoğlu B., Tüberküloz tedavisi alan çocuk hastalarda yüksek basınçlı sıvı kromatografi yöntemi ile terapötik ilaç izlemi, In: *17.Kromatografi Kongresi (Kromatografi 2017)*, Çorum, Turkey, 2017.

E3. Tok F., Yıldız S., Buse E., Kaymakçıoğlu B., Synthesis and characterization of some new hydrazone derivatives as potential anticancer agents, In: *2nd International Convention of Pharmaceuticals and Pharmacies*, İstanbul, Turkey, 2015.