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Tuğba Ertan-Bolelli

Kişisel Bilgiler	:	Doğum Tarihi	:	13 Mayıs 1980
		Doğum Yeri	:	Turhal
Eğitim	:	2005 - 2012	Ankara Üniversitesi Eczacılık Fakültesi, Farmasötik Kimya Anabilim Dalı (Doktora) (3,81/4)	Ankara
		2002 - 2005	Ankara Üniversitesi Eczacılık Fakültesi, Farmasötik Kimya Anabilim Dalı (Yüksek Lisans) (3,48/4)	Ankara
		1998 - 2002	Ankara Üniversitesi Eczacılık Fakültesi (Lisans) (83.70/100)	Ankara
		1995 - 1998	Sivas Fen Lisesi (4,93/5)	Sivas
		1991 - 1995	Turhal Anadolu Lisesi	Turhal
		1986 - 1991	Kahraman Cengiz İlkokulu	Turhal
Tecrübeler	:	-Ankara Üniversitesi Eczacılık Fakültesi Farmasötik Kimya Anabilim Dalı Araştırma Görevlisi (28.07.2004 – Halen)		
		-Güner Eczanesi Mesul Müdürlük (04.2004 – 07.2004)		
		-T.C. Emekli Sandığı Sağlık Hizmetleri Daire Başkanlığı, Reçete Kontrol Bölümü (07.2003 – 12.2003)		

Üyelikler :

1. Farmasötik Bilimler Ankara Derneği (FABAD) (2016)
2. European Association for Cancer Research (EACR) (2015)
3. Moleküler Kanseri Araştırma Derneği (MOKAD) (2015)
4. İlaç Araştırmacıları ve Uygulayıcıları Derneği (2013)
5. ESIS Araştırma Grubu (2005-2016)
6. Farmasötik ve Medisinal Kimya Derneği (2004)
7. Bilgisayar Destekli İlaç Tasarım ve Geliştirme Derneği (2004)
8. Türk Eczacılar Birliği Ankara Eczacı Odası (2002-2014)
9. Ankara Üniversitesi Eczacılık Fakültesi Mezunlar Derneği (2002)

Yabancı Diller : İngilizce, İspanyolca (başlangıç)

Hobiler : Yoga, Dans ve Yüzme

Bilgisayar Bilgisi : MS Office Uygulamaları

Linux ve Unix Sistem Bilgisi
ChemBioOffice Uygulamaları
Biovia Discovery Studio Kullanım Bilgisi
Schrödinger Maestro Kullanım Bilgisi

Araştırma İlgili Alanı : İlaç Tasarımı
Organik Sentez
Enstrümantal Analiz
Farmakofor Analiz
Moleküler Modelleme
Moleküler Docking
SAR, QSAR

Tezler

Yüksek Lisans:

Yeni 2-Fenil/benzilbenzoksazol Türevlerinin ve Olası Metabolitlerinin Sentezi, Yapılarının Aydınlatılması, Mikrobiyolojik Etkileri ve Moleküler Modelleme Çalışmaları (08.07.2005).

Doktora:

Bazı Yeni Sülfonamido Benzoksazol Türevi Bileşiklerin Sentez, Yapı Aydınlatması, Antimikrobiyal Etki ve Moleküler Modelleme Çalışmaları (23.03.2012)

Projeler

- İlkay Yıldız, Esin Akı, İsmail Yalçın, Arzu Atalay, **Tuğba Ertan-Bolelli**, Kayhan Bolelli, Serap Yılmaz, Sanaz Ataei, Özüm Öztürk, Bazı Yeni Antitümör Etkili Heterosiklik Bileşiklerin Sentezi ve Moleküler Modellemesi, Ankara Üniversitesi Bilimsel Araştırma Projesi (BAP), 12B3336002, Proje Bütçesi: 264.020,00 ₺, Proje Araştırmacı, 02.01.2012-2015.
- İlkay Yıldız, Esin Akı, İsmail Yalçın, **Tuğba Ertan-Bolelli**, Kayhan Bolelli, Serap Yılmaz, Ayşe Yeşbek-Kaymaz, Bazı Yeni DNA Topoizomeraz Etkili İnhibitör Benzotiyazol Türevlerinin Sentezi, Ankara Üniversitesi Bilimsel Araştırma Projesi (BAP), 11A3336001, Proje Bütçesi: 220.157,37 ₺, Proje Araştırmacı, 06.09.2011-2014.
- Özlem Temiz-Apacı, İlkay Yıldız, Betül Tekiner-Gülbaş, Sabiha Alper, **Tuğba Ertan**, Kayhan Bolelli, Mustafa Arısoy, Ufuk Abbasoğlu, Fatma Kaynak-Onurdağ, Yeni Bazı Benzoksazol ve Benzotiyazol Türevlerinin Sentez, Yapı Aydınlatması ve Antimikrobiyal Etkileri, Ankara Üniversitesi Bilimsel Araştırma Projesi (BAP), 08B3336001, Proje Bütçesi: 38.866,36 ₺, Proje Araştırmacı, 01.01.2008-01.07.2010.

Yayınlar

- Tugba Ertan-Bolelli**, Kayhan Bolelli, Suzan Okten, Fatma Kaynak-Onurdag, Esin Aki-Yalcin, Ismail Yalcin, "Synthesis, Antimicrobial Activities of New Sulfonamidobenzoxazoles and Molecular Docking Studies on Escherichia coli TEM-1 β -Lactamase", *Croatica Chemica Acta*, 90(1), 67-74 (2017).
- Tugba Ertan-Bolelli**, Kayhan Bolelli, Yaman Musdal, İlkay Yildiz, Esin Aki-Yalcin, Bengt Mannervik, Ismail Yalcin, "Design and Synthesis of 2-Substituted-5-(4-trifluoromethylphenylsulfonamido) benzoxazole Derivatives as Human GST P1-1 Inhibitors", *Artificial Cells, Nanomedicine, and Biotechnology*, 45, 1-8 (2017) DOI: 10.1080/21691401.2017.1324464
- Ugur Senel, **Tugba Ertan-Bolelli**, Kayhan Bolelli, İlkay Yildiz, "Docking Studies on Enoyl-Acyl Carrier Protein (ACP) Reductase Enzyme Inhibitors", *Journal of Faculty of Pharmacy of Ankara University*, 45(1), 1-12 (2016). [in Turkish] *In press*
- Emine Oksuzoglu, **Tugba Ertan-Bolelli**, Hatice Can, Mehtap Tarhan, Kamile Ozturk, İlkay Yildiz, "Antitumor activities on HL-60 human leukemia cell line, molecular docking, and quantum-chemical calculations of some sulfonamide-benzoxazoles", *Artificial Cells, Nanomedicine, and Biotechnology*, 0(0), 1-9 (2016). doi=10.1080%2F21691401.2016.1241796 *In press*
- Emine Oksuzoglu, Egemen Foto, Fatma Zilifdar, **Tugba Ertan-Bolelli**, Kayhan Bolelli, "Antiproliferative and Genotoxic Activities in L929 and HeLa Cell Lines - the Mutagenic Effects in Salmonella Strains of Novel Benzoxazole Derivatives", *Latin American Journal of Pharmacy*, 35(10), 2216-2224 (2016).

6. Gözde Aydoğdu Tiğ, Gülendem Günendi, **Tuğba Ertan Bolelli**, İsmail Yalçın, Şule Pekyardımcı, "Study on interaction between the 2-(2-phenylethyl)-5-methylbenzimidazole and dsDNA using glassy carbon electrode modified with poly-3-amino-1,2,4-triazole-5-thiol", *Journal of Electroanalytical Chemistry*, 776, 9-17 (2016). DOI: 10.1016/j.jelechem.2016.06.028
7. **T. Ertan-Bolelli**, I. Yildiz, S. Ozgen-Ozgacar. "Synthesis, Molecular Docking and Antimicrobial Evaluation of Novel Benzoxazole Derivatives" *Med Chem Res* 25(4), 553-567, 2016.
8. Andry Nur Hidayat, Esin Aki-Yalcin, Meral Beksac, Erming Tian, Saad Z. Usmani, **Tugba Ertan-Bolelli**, Ismail Yalcin, "Insight into Human Protease Activated Receptor-1 as Anticancer Target by Molecular Modeling", *SAR and QSAR in Environmental Research*, 26(10), 795-807 (2015). DOI:10.1080/1062936X.2015.1095799
9. Sanaz Ataei, Serap Yilmaz, **Tugba Ertan-Bolelli**, Ilkay Yildiz. "Generated 3D-Common Feature Hypotheses Using the HipHop Method For Developing New Topoisomerase I Inhibitors" *Arch. Pharm. Chem. Life Sci.* 2015, 348, 1–10. DOI:10.1002/ardp.201500045
10. **Tuğba Ertan-Bolelli**, Yaman Musdal, Kayhan Bolelli, Serap Yilmaz, Yasemin Aksoy, Ilkay Yildiz, Esin Aki-Yalcin, and Ismail Yalcin, "Synthesis, Biological Evaluation of 2-Substituted-5-(4-nitrophenylsulfonamido) benzoxazoles as Human GST P1-1 Inhibitors and Description of the Binding Site Features", *ChemMedChem*, 9(5): 984-992, (2014). doi:10.1002/cmdc.201400010
11. Esin Aki-Yalcin, **Tuğba Ertan-Bolelli**, Tugba Taskin-Tok, Ozum Ozturk, Sanaz Ataei, Cigdem Ozen, Ilkay Yildiz, Ismail Yalcin, Evaluation of Inhibitory Effects of Benzothiazole and 3-Amino-benzothiazolium Derivatives on DNA Topoisomerase II by Molecular Modeling Studies, *SAR and QSAR in Environmental Research*, 25(8), 637-649, 2014. 10.1080/1062936X.2014.923039
12. J.B. Bhagyasree, H.T. Varghese, C. Yohannan Panicker, J. Samuel, C. Van Alsenoy, **Tugba Ertan-Bolelli**, Ilkay Yildiz, Quantum mechanical and spectroscopic (FT-IR, FT-Raman, ¹H NMR and UV) investigations of 5-nitro-2-phenylbenzoxazole", *Journal of Molecular Structure*, 1063, 16-29, 2014. doi:10.1016/j.molstruc.2014.01.018
13. Musdal, Y., Ertan-Bolelli, T., Bolelli, K., Yilmaz, S., Ceyhan, D., Hegazy, U., Mannervik, B., Aksoy, Y., "Inhibition of human glutathione transferase P1-1 by novel benzazole derivatives", *Turk. J. Biochem.*, 37(4), 431-436, (2012). doi: 10.5505/tjb.2012.30301
14. Y. Sheena Mary, K. Raju, **Tugba Ertan-Bolelli**, Ilkay Yildiz, Helena I.S. Nogueira Carlos M. Granadeiro, Christian Van Alseony FT-IR, FT-Raman, surface enhanced Raman scattering and computational study of 2-(*p*-fluorobenzyl)-6-nitrobenzoxazole, *Journal of Molecular Structure* 1012: 22–30, (2012). doi:10.1016/j.molstruc.2011.12.042
15. K. Bolelli, I. Yalcin, **T. Ertan-Bolelli**, S. Ozgen, F. Kaynak-Onurdag, I. Yildiz, E. Aki Synthesis of novel 2-[4-(4-substitutedbenzamido/ phenylacetamido)phenyl] benzothiazoles as antimicrobial agents, *Medicinal Chemistry Research*, 21, 3818-3825, (2012). DOI: 10.1007/s00044-011-9918-4
16. Y.S. Mary, C.Y. Panicker, H.T. Varghese, K. Raju, **T. Ertan Bolelli**, I. Yildiz, C.M. Granadeiro, H.I.S. Nogueira Vibrational spectroscopic studies and computational study of 4-fluoro-*N*-(2'-hydroxy-4'-nitrophenyl)phenylacetamide, *Journal of Molecular Structure* 994, 223–231, (2011). DOI: 10.1016/j.molstruc.2011.03.022
17. J. Karolak-Wojciechowska, M. Szczesio, **T. Ertan-Bolelli**, E. Aki and I. Yalçın. Crystal structure of 4-fluoro-*N*-(2-hydroxy-4-nitrophenyl)benzamide, C₁₃H₉FN₂O₄, *Z. Kristallogr.*, 225, 533-534, (2010). DOI: 10.1524/nrcs.2010.0234
18. C.Y. Panicker, H.T. Varghese, L. Ushakumari, **T. Ertan**, I. Yildiz, C.M. Granadeiro, H.I.S. Nogueira and Y.S. Mary FT-IR, FT-Raman, SERS spectra and computational calculations of 4-ethyl-*N*-(2'-hydroxy-5'-nitrophenyl) benzamide *J. Raman Spectrosc.* 41, 381–390, (2010). DOI: 10.1002/jrs.2471
19. **T. Ertan**, I. Yildiz, B. Tekiner-Gulbas, K. Bolelli, O. Temiz-Arpaci, S. Ozkan, F. Kaynak, I. Yalcin, E. Aki, Synthesis, biological evaluation and 2D-QSAR analysis of benzoxazoles as antimicrobial agents, *European Journal of Medicinal Chemistry*, 44, 501-510, (2009). doi: 10.1016/j.ejmech.2008.04.001
20. C.Y. Panicker, H.T. Varghese, A. Raj, K. Raju, **T. Ertan-Bolelli**, I. Yildiz, O. Temiz-Arpaci, C.M. Granadeirof, H.I.S. Nogueira, "IR, Raman and SERS spectra of 2-phenoxyethylbenzothiazole", *Spectrochimica Acta Part A*, 74, 132–139, (2009). doi:10.1016/j.saa.2009.05.022
21. I. Yildiz, **T. Ertan**, K. Bolelli, O. Temiz-Arpaci, I. Yalcin, E.Aki, QSAR and pharmacophore analysis on amides against drug-resistant *S. aureus*, *SAR and QSAR in Environmental Research*, 19(1-2), 101-113, (2008). doi: 10.1080/10629360701844159
22. E. Oksuzoglu, B. Tekiner-Gulbas, S. Alper, O. Temiz-Arpaci, **T. Ertan**, I. Yildiz, N. Diril, E. Sener-Aki, I. Yalcin. "Some Benzoxazoles and Benzimidazoles as DNA Topoisomerase I and II Inhibitors", *Journal of Enzyme Inhibition and Medicinal Chemistry*, 23(1), 37-42, (2008). doi: 10.1080/14756360701342516

23. Y.S. Mary, H.T. Varghese, C.Y. Panicker, **T. Ertan**, I. Yıldız, O. Temiz-Arpaci. "Vibrational spectroscopic studies and ab initio calculations of 5-nitro-2-(p-fluorophenyl) benzoxazole", *Spectrochimica Acta Part A*, 71, 566–571, (2008). DOI: 10.1016/j.saa.2007.12.041
24. L. Ushakumari, H.T.Varghese, C.Y. Panicker, **T. Ertan**, I. Yıldız. "Vibrational spectroscopic studies and DFT calculations of 4-fluoro-N-(2-hydroxy-4-nitrophenyl)benzamide", *Journal of Raman Spectroscopy*, 39, 1832-1839, (2008). DOI: 10.1002/jrs.2047
25. **T. Ertan**, I. Yıldız, S. Ozkan, O. Temiz-Arpaci, F. Kaynak, I. Yalcin, E. Aki-Sener, U. Abbasoglu. "Synthesis and Biological Evaluation of New N-(2-Hydroxy-4(or 5)-nitro/aminophenyl)benzamides and Phenylacetamides as Antimicrobial Agents", *Bioorganic and Medicinal Chemistry*, 15, 2032-2044, (2007). DOI: 10.1016/j.bmc.2006.12.035

Short Communications

1. Ismail Yalcin, **Tugba Ertan-Bolelli**, Esin Aki-Yalcin, "New human Glutathione-S-transferase P1-1 inhibitors and their ligand binding site and GSH complex formation descriptions", *Macedonian pharmaceutical bulletin*, 62 (suppl): 571-572, (2016).

Proceeding Yayınlar

1. E. Oksuzoglu, **T. Ertan Bolelli**, M. Tarhan, K. Ozturk, Yıldız I. S-015 - Anticancer Effects on Human Leukemia HL-60 Cell Line And Molecular Docking Studies of Novel 2,5-Disubstituted-Benzoxazole Derivatives. *Turkish Journal of Biochemistry*, 45 (Suppl. 4) 2016.
2. E. Oksuzoğlu, E. Foto, F. Zilifdar, **T. Ertan-Bolelli**, K. Bolelli, "A study on antiproliferative and genotoxic potentials in L929 and HeLa cell lines -the mutagenic activities in Salmonella strains of novel 2,5-disubstitutedbenzoxazole derivatives", *The FEBS Journal*, 283 (Suppl. 1): 85, (2016). DOI: 10.1111/febs.13807.
3. T. Ozkan, Y. Hekmatshoar, **T. Ertan Bolelli**, M. Beksac, E. Aki Yalcin, I. Yalcin, A. Sunguroglu, "A benzamide derivative XT5 and imatinib combination induced apoptosis in Imatinib resistant K562 cell line", *The FEBS Journal*, 283 (Suppl. 1): 162, (2016). DOI: 10.1111/febs.13808.
4. F. Zilifdar, E. Foto, **T. Ertan-Bolelli**, I. Yalcin, E. Aki, N. Diril, "Differences of global methylation profiles in L929 and HeLa cells treated with a serial benzoxazole and benzamide derivatives", *The FEBS Journal*, 283 (Suppl. 1): 259, (2016). DOI: 10.1111/febs.13808
5. E. Aki, I. Yalcin, I. Yıldız, O. Temiz-Arpaci, K. Bolelli, **T. Ertan-Bolelli**, "DNA-Topoisomerase Inhibitory Activity of Some Heterocyclic Compounds and Their Structure-Activity Relationships", *Medicinal Chemistry Research*, 19: S6, (2010). DOI: 10.1007/s00044-010-9296-3
6. I. Yıldız, S. Alper, **T. Ertan**, O. Temiz-Arpaci, B. Tekiner-Gulbas, E. Aki-Sener, I. Yalcin, "Molecular modelling studies on some eukaryotic topoisomerase II enzyme inhibitor fused heterocyclic compounds", *Drugs of the Future*, 32(A), 15-16 (Jul 2007).
7. I. Yıldız, O. Temiz-Arpaci, B. Tekiner-Gulbas, **T. Ertan**, E. Aki-Sener, I. Yalcin, "COMFA 3D-QSAR Studies on Benzoxazole Derivatives as Eukaryotic Topoisomerase II Inhibitors", *Scientia Pharmaceutica Supplement* 1, 73(2): S234, (2005).

Sözlü Bildiriler

- 1- Esin Aki-Yalcin, Andry Nur Hidayat, Meral Beksac, **Tugba Ertan-Bolelli**, Ismail Yalcin. Molecular Modeling and ADMET Studies of some heterocyclics on Human Protease Activated Receptor-1 as Anticancer Target, 4th International BAU Drug Design Congress, Bahçeşehir University, Faculty of Medicine, Istanbul, Turkey, IS-23: p31, 13-15 October 2016.
- 2- Emine Oksuzoglu, **Tugba Ertan-Bolelli**, Mehtap Tarhan, Kamile Ozturk, Ilkay Yıldız. Antitumor Activities on Human Leukemia HL-60 Cell Line of Some Novel Sulfonamido-Benzoxazoles, 4th International BAU Drug Design Congress, Bahçeşehir University, Faculty of Medicine, Istanbul, Turkey, OP-31: p93, 13-15 October 2016.
- 3- Emine Oksuzoğlu, Egemen Foto, Fatma Zilifdar, **Tugba Ertan-Bolelli**, Kayhan Bolelli. A study on antiproliferative and genotoxic potentials in L929 and HeLa cell lines -the mutagenic activities in Salmonella strains of novel 2,5-disubstitutedbenzoxazole derivatives, 41st FEBS Congress, Ephesus, Kuşadası, Turkey, ST-05.01.1-004: p85, 03-08 September 2016.
- 4- Esin Aki Yalçın, Serap Yılmaz, Kayhan Bolelli, Özüm Öztürk, **Tuğba Ertan-Bolelli**, İsmail Yalçın, The Role of Chemometrics in Computer Aided Drug Design Studies, 3rd International

- Conference on New Trends in Chemometrics and Applications (NTCA-2016), Side, Antalya, Turkey, IL-02: p4, May 25-28, 2016.
- 5- Esin Aki-Yalcin, Ismail Yalcin, **Tugba Ertan-Bolelli**, Kayhan Bolelli, Serap Yilmaz, Ozum Ozturk. Molecular Modeling Application by using Discovery Studio, BIOVIA Turkish Regional User Meeting with A-Ztech Ltd., ByOtell Hotel, Istanbul, Turkey, 6 May 2016.
 - 6- Pınar Ataca, **Tugba Ertan-Bolelli**, Tülin Özkan, Klara Dalva, Esin Aki Yalçın, İsmail Yalçın, Meral Beksaç. Anti-Miyelom için Yeni Bir Hedef: Proteaz Aktive Reseptör 1 (PAR1) in Myelom Plazma Hücrelerinde ve İnsan Myelom Hücre Dizilerinde İfadesi ve PAR1 Bağlayan Yeni Moleküllerin in vitro Etkileri, 41. Ulusal Hematoloji Kongresi, Titanic Deluxe Belek Otel, Antalya, Türkiye, 21-24 Ekim 2015. (in Turkish)
 - 7- Ismail Yalcin, Serap Yilmaz, Kayhan Bolelli, Ozum Ozturk and **Tugba Ertan-Bolelli**. Enzyme Binding Site Description of AcrAB-TolC Efflux Pump Inhibitors, 10th AFMC International Medicinal Chemistry Symposium (AIMECS 2015), International Convention Center Jeju, Jeju, Korea, OP4-1: p253, 18-21 October 2015.
 - 8- E. Aki-Yalcin, O. Ozturk, **T. Ertan-Bolelli**, K. Bolelli, S. Yilmaz, A. H. Nur, O. Bingol-Ozakpinar, and F. Ozdemir. Mechanism of Action of Some New Anticancer Active Neurokinin-1 (NK1) Receptor Antagonists, 10th AFMC International Medicinal Chemistry Symposium (AIMECS 15), International Convention Center Jeju, Jeju, Korea, OP4-4: p256, 18-21 October 2015.
 - 9- Esin Aki-Yalcin, Ozum Ozturk, Kayhan Bolelli, **Tugba Ertan-Bolelli**, Andry Nur Hidayat, Ozlem Bingol-Ozakpinar, Filiz Ozdemir, Ismail Yalcin. Mechanism of Action of Neurokinin-1 Receptors as an Anticancer Target, 3rd International BAU-Drug Design Symposium 2015, Bahçeşehir University, Faculty of Medicine, Istanbul, Turkey, CL-22: p39-40, 1-3 October 2015.
 - 10- Ilkay Yildiz, **Tugba Ertan-Bolelli**, Sanaz Ataei, Serap Yilmaz, Egemen Foto, Nuran Diril, Ismail Yalcin. Molecular Modeling Studies Topoisomerase I Inhibitors, 3rd International BAU-Drug Design Symposium 2015, Bahçeşehir University, Faculty of Medicine, Istanbul, Turkey, CL-28: p47-48, 1-3 October 2015.
 - 11- Ismail Yalcin, Serap Yilmaz, Kayhan Bolelli, Ozum Ozturk, **Tugba Ertan-Bolelli**, Esin Aki-Yalcin. Description of the Binding Site Features of AcrAB-TolC Efflux Pump Inhibitors, 8th International Symposium on Computational Methods in Toxicology and Pharmacology Integrating Internet Resources (CMTPI-2015), Chios, Greece, MT-11: p44, 21-25 June 2015.
 - 12- Ilkay Yildiz, Sanaz Ataei, Serap Yilmaz, **Tugba Ertan-Bolelli**, Egemen Foto, Ismail Yalcin. Pharmacophore Analysis and Molecular Docking Studies on Benzoxazines as Topoisomerase I Inhibitors, 8th International Symposium on Computational Methods in Toxicology and Pharmacology Integrating Internet Resources (CMTPI-2015), Chios, Greece, OC-22: p46, 21-25 June 2015.
 - 13- Esin Aki-Yalcin, Ozum Ozturk, **Tugba Ertan-Bolelli**, Kayhan Bolelli, Serap Yilmaz, A.H. Nur, S. Sahin, Ismail Yalcin, Ozlem Bingol-Ozakpinar, Filiz Ozdemir. Molecular Modeling Studies on Neurokinin 1 (NK1) Receptors, 8th International Symposium on Computational Methods in Toxicology and Pharmacology Integrating Internet Resources (CMTPI-2015), Chios, Greece, MT-12: p47, 21-25 June 2015.
 - 14- Esin Aki-Yalcin, Ismail Yalcin, **Tugba Ertan-Bolelli**, Serap Yilmaz, Kayhan Bolelli, Özüm Öztürk, Tugba Taskin-Tok, Emine Öksüzoglu, Cigdem Özen-Kaplan. Computer aided drug design studies for new anticancer drugs, EACR-Sponsored 3rd Anticancer Agent Development Congress, Dokuz Eylül University, Izmir, Turkey, Closing Lecture: p38, 18-19 May 2015.
 - 15- Ozum Ozturk, **Tugba Ertan-Bolelli**, Kayhan Bolelli, Serap Yilmaz, Ismail Yalcin, Esin Aki-Yalcin. Molecular Docking Analysis of Benzothiazole/Benzothiazolium Derivatives as Human DNA Topoisomerase II Inhibitors, BIOVIA Turkish Regional User Meeting with A-Ztech Ltd., ByOtell Hotel, Istanbul, Turkey, 10 April 2015.
 - 16- Ilkay Yildiz, Sanaz Atei, Serap Yilmaz, **Tugba Ertan-Bolelli**, Egemen Foto, Molecular Modeling Studies on BS10 as Topoisomerase I Poison, 1st International Congress: from drug discovery to drug delivery, Royal Olympic Hotel, Athens, Greece, OP-02, p14, 13-15 November 2014.
 - 17- Ismail Yalcin, **Tugba Ertan-Bolelli**, Yaman Musdal, Kayhan Bolelli, Serap Yilmaz, Yasemin Aksoy, Bengt Mannervik, Ilkay Yildiz, Esin Aki-Yalcin. Computer Aided Molecular Modeling of the Binding Site and GSH Conjugation Features of the New Human GST P1-1 Inhibitors, The 3rd International Conference on Computation for Science and Technology, Aston Denpasar Hotel and Convention Center, Bali, Indonesia, PL-03: p6, 23-25 September 2014.
 - 18- Esin Aki-Yalcin, **Tugba Ertan-Bolelli**, Kayhan Bolelli, Serap Yilmaz, Ozum Ozturk, Tugba Taskin-Tok, Andry Nur Hidayat, Ilkay Yildiz, Ismail Yalcin. Anticancer Drug Design Studies using Molecular Modeling Techniques, The 3rd International Conference on Computation for Science and Technology, Aston Denpasar Hotel and Convention Center, Bali, Indonesia, IS-02: p10, 23-25 September 2014.
 - 19- **Tugba Ertan-Bolelli**, Ismail Yalcin, Yaman Musdal, Serap Yilmaz, Kayhan Bolelli, Ozum Ozturk, Yasemin Aksoy, Bengt Mannervik, Ilkay Yildiz, Esin Aki-Yalcin. Molecular Docking Studies on Human Glutathione S-transferase Enzyme (hGSTP1-1), The 3rd International

- Conference on Computation for Science and Technology, Aston Denpasar Hotel and Convention Center, Bali, Indonesia, O-P13: p28, 23-25 September 2014.
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Bildirisiz Katılımlar

1. 4. Ulusal Farmasötik Kimya Kongresi (UFKK-4), 29 Nisan-1 Mayıs 2016, Oscar Resort Otel, Girne, Kıbrıs.
2. 2. Uluslararası İlaç ve Eczacılık Kongresi (IVEK), 27-29 Kasım 2015, Haliç Kongre Merkezi, İstanbul, Türkiye.
3. 11th International Symposium on Pharmaceutical Sciences (ISOPS-11), 09-12 June 2015, Ankara, Turkey.
4. International Multidisciplinary Symposium on Drug Research & Development (DRD-2013), 28-30 November 2013, Kervansaray Hotel, Lara, Antalya, Turkey.
5. İlaç Temel Araştırma Merkezi (İTAM) Projesi Toplantısı, "İlaç Araştırmaları ve Farmasötik Kimya", 08 Kasım 2013, İstanbul Üniversitesi Eczacılık Fakültesi, İstanbul, Türkiye.
6. 3. Ulusal Farmasötik Kimya Kongresi (UFKK-3), 14-16 Eylül 2012, Malatya, Türkiye.

7. 10th International Symposium on Pharmaceutical Sciences (ISOPS-10), 26-29 June 2012, Ankara, Turkey.
8. 9th International Symposium on Pharmaceutical Sciences (ISOPS-9), 23-26 June 2009, Ankara, Turkey.
9. 6th AFMC International Medicinal Chemistry Symposium (AIMECS 07), 08-11 July 2007, Istanbul, Turkey.
10. I. Ulusal Farmasötik Kimya Kongresi (UFKK-1), 11-12 Kasım 2006, İstanbul, Türkiye.
11. European COST Action B16 Symposium on Multidrug Resistance Reversal, 13-14 May 2005, Antalya/TURKEY.
12. The 15th European Symposium on Quantitative Structure-Activity Relationships & Molecular Modelling (QSAR 2004), 05-10 September 2004, İstanbul/TURKEY

Çalıştaylar ve Eğitimler:

1. 2.Bilgisayar Destekli İlaç Tasarımı Kursu (Uygulamalı Schrödinger), 17 Mayıs 2016, Biruni Üniversitesi Eczacılık Fakültesi, İstanbul, Türkiye.
2. Ankara Üniversitesi Eczacılık Fakültesi 55. Yıl Etkinlikleri Meslek içi Eğitim Programı, 15 Aralık 2015, Ankara, Türkiye.
3. İş Sağlığı ve Güvenliği Eğitim Programı, 13 Kasım 2015, Ankara Üniversitesi Eczacılık Fakültesi, Ankara, Türkiye.
4. 11. Uluslararası Eczacılık Bilimleri Sempozyumu, Panel: "Geleneksel ve Tamamlayıcı Tıp Uygulamaları: Fitoterapi ve Fitoterapide Kullanılan Ürünler", 12 Haziran 2015, Ankara Üniversitesi, Eczacılık Fakültesi, Ankara, Türkiye.
5. Tübitak 2237 Proje Eğitimi Etkinliklerini Destekleme Programı, Sağlık Bilimleri Alanında Proje Hazırlama ve Yürütme Eğitimi: Ankara 2015, 20-22 Mart 2015, Ankara Üniversitesi Tıp Fakültesi, Ankara, Türkiye.
6. Araştırma Görevlileri için Eğiticilerin Eğitimi, 24 Kasım-25 Aralık 2014, ATAUM, Ankara, Türkiye.
7. Agilent Technologies Cary 630 Model FTIR Sistemi ve Software Eğitimi, 27 Ekim 2014, Ankara Üniversitesi Eczacılık Fakültesi, Ankara, Türkiye.
8. II. Çevre Günleri – Sürdürülebilir Enerji Sempozyumu, 05 Haziran 2014, Ankara Üniversitesi Rektörlüğü, Ankara, Türkiye.
9. Interlab and Sigma-Aldrich Seminer Series: Sigma Life Science – Where Bio Begins, 18 March 2014, Hilton Hotel, Ankara, Turkey.
10. Chemometrics Course, NTCA-2013, 23-25 October 2013, Ankara University, Faculty of Pharmacy, Ankara, Turkey.
11. İlaç Araştırmalarında Uygulamalı Moleküler Modelleme ve Simülasyon Teknikleri Kursu, MAGUM, 20-22 Şubat 2013, Hacettepe Üniversitesi, Ankara, Türkiye.
12. Computational Drug Discovery, Schrödinger Workshop, 26-27 April 2012, Yeditepe University, Istanbul, Turkey.
13. Ankara Biyoteknoloji Günleri, Mikrobiyal Biyoteknoloji, 17-18 Ekim 2011, Ankara Üniversitesi Rektörlüğü, Ankara, Türkiye.
14. Meslek İçi Eğitim Programı (MİEP), 15-16 Aralık 2010, Ankara, Türkiye.
15. 2nd Workshop on Computer Aided Drug Design & Development – Molecular Modeling (WCADD-2), 26-29 June 2008, Başkent University, Ankara, Turkey.
16. Bilgisayar Destekli İlaç Tasarımı ve Geliştirilmesi – 1, Kantitatif Yapı-Etki İlişkileri (WCADD-1), 02-05 Şubat 2007, Koç Üniversitesi, İstanbul, Türkiye.
17. Molecular Operating Environment (MOE) kullanıcı grubu seminerleri, 27-28 Nisan 2006, Ankara/TÜRKİYE.

Görevler

1. The 3rd International Conference on Computation for Science and Technology, Aston Denpasar Hotel and Convention Center, Bali, Indonesia, 23-25 September 2014 (**Publicity Committee**)
2. 2st International Conference on New Trends in Chemometrics and Applications (NTCA-2013), Ankara University, Faculty of Pharmacy, Ankara, Turkey, 25-28 October 2013. (**Technical Committee**)

3. 2st International Conference on New Trends in Chemometrics and Applications (NTCA-2013), Ankara University, Faculty of Pharmacy, Ankara, Turkey, 25-28 October 2013. (**Local Organizing Committee**)
4. 10th International Symposium on Pharmaceutical Sciences (ISOPS-10), 26-29 June 2012, Ankara, Turkey. (**Registration and Social Committee**)
5. 1st International Conference on New Trends in Chemometrics and Applications (NTCA-2011), Side, Antalya, Turkey, 08-11 October 2011. (**Technical Committee**)
6. 9th International Symposium on Pharmaceutical Sciences (ISOPS-9), 23-26 June 2009, Ankara, Turkey. (**Social Committee**)

Burslar

1. 3rd EACR-Sponsored Anticancer Agent Development Congress, Izmir, Turkey, 18-19 May 2015. (Travel Award)
2. TÜBİTAK Eğitim Bursu 2211 - Yurt içi Doktora Burs Programı (2005-2010)

Ödüller

1. Pınar Ataca*, **Tuğba Ertan Bolelli**, Tülin Özkan, Klara Dalva, Esin Akı Yalçın, İsmail Yalçın, Meral Beksaç. Anti-Miyelom için Yeni Bir Hedef: Proteaz Aktive Reseptör 1 (PAR1) in Myelom Plazma Hücrelerinde ve İnsan Myelom Hücre Dizilerinde İfadesi ve PAR1 Bağlayan Yeni Moleküllerin in vitro Etkileri, 41. Ulusal Hematoloji Kongresi, Titanic Deluxe Belek Otel, Antalya, Türkiye, 21-24 Ekim 2015. (**Deneysel Hematoloji Ödülü**)
2. L. Ushakumari, Hema Tresa Varghese, C. Yohannan Panicker, **Tugba Ertan Bolelli**, Ilkay Yıldız. Vibrational Spectroscopic Studies and DFT Calculations of 4-Fluoro-N-(2-Hydroxy-4-Nitrophenyl)Benzamide, 2nd International Conference on New Trends in Chemometrics and Applications (NTCA-2013), Ankara University, Faculty of Pharmacy, Ankara, Turkey, PP-28: p56, October 25-28, 2013. (**En İyi Poster Ödülü**)