

ÖZGEÇMİŞ

I. Bireysel Bilgiler

Adı : Çiğdem
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Uyruğu : T.C.
İletişim adresi : Ankara Üniversitesi Eczacılık Fakültesi
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II. Eğitimi

2008-2014 Ankara Üniversitesi Eczacılık Fakültesi
Farmasötik Kimya Anabilim Dalı (Doktora)
2011-2012 Cardiff University, Welsh School of Pharmacy,
(Erasmus programı, Eylül 2011-Ocak 2012)
2005-2008 Ankara Üniversitesi Eczacılık Fakültesi
Farmasötik Kimya Anabilim Dalı (Yüksek Lisans)
2001-2005 Ankara Üniversitesi Eczacılık Fakültesi (Lisans)
1990-2001 TED Ankara Koleji-ilkokul, ortaokul, lise

Yabancı dili : İngilizce

III. Ünvanları :

2005-Eczacı
2008-Uzman Eczacı
2014-Doktor

IV. Bilimsel İlgi Alanları

Verdiği Seminerler :

2007- AIDS Kemoterapisindeki Yeni Gelişmeler
2010- Atropisomerizm
2010- Suistimal Edilen İlaçlar

V. Bilimsel Etkinlikleri

TÜBİTAK Bilim İnsanı Destekleme Daire Başkanlığı (BİDEB) Yurtdışı Doktora Bursu

TÜBİTAK Bilim İnsanı Destekleme Daire Başkanlığı (BİDEB) Yurtdışı Yüksek Lisans Bursu

19th Annual Conference of the European Association of Faculties of Pharmacy (EAFP) in Ankara (16-18 May 2013), Organizasyon Komitesi

VI. Yayınları

1. **KARAASLAN CIGDEM**, SUZEN SIBEL. Electrochemical Behavior of Biologically Important Indole Derivatives, *J Int. Electrochemistry*, 1, (2011).
2. **KARAASLAN CIGDEM**, SUZEN SIBEL. Mucize Hormon Melatonin Hakkında Bilinmesi Gerekenler, *Modern Fitofarmakoterapi ve Doğal Farmasötikler*, 1, 5, (2011), p.30-36.
3. GOKER HAKAN, **KARAASLAN CIGDEM**, YILDIZ SULHIYE. Potent Antifungal and Antistaphylococcal 2-Anilinobenzimidazoles, *Z.Naturforsch.* 67c, (2012),486-496.
4. **KARAASLAN CIGDEM**, KADRI HACHEMI, COBAN TULAY, SUZEN SIBEL, WESTWELL ANDREW D. Synthesis and Antioxidant Properties of Substituted 2-Phenyl-1H-İndoles. *Bioorg.Med.Chem.Lett.* 23, (2013), 2671-2674.
5. YILMAZ A.DIDEM, **KARAASLAN CIGDEM**, SHIRINZADEH HANIF, SUZEN SIBEL, OZCAN SENEM, GURER ORHAN HANDE. New Antioxidant Drug Development Studies on Neurohormone Melatonin and Synthetic Analogues. *Academic Journal of Science.* 03(02) (2014), 51-56.
6. **KARAASLAN CIGDEM.**; SUZEN SIBEL. Antioxidant properties of melatonin and its potential action in diseases. *Curr Top Med Chem* (2015) 15(9) 894-903.
7. PUSKULLU MUSTAFA ORHAN, **KARAASLAN CIGDEM.** , BAKAR FILIZ., GOKER HAKAN. Synthesis and potent cytotoxicity of some novel imidazopyridine derivatives against MCF-7 human breast adenocarcinoma cell line. *Chemistry of Heterocyclic Compounds* (2015), 51(8), 723–733.

8. GÖKER ALI HAKAN, **KARAASLAN CIGDEM**, PUSKULLU MUSTAFA ORHAN, YILDIZ SULHIYE, YALCIN DUYDU, USTUNDAG AYLIN, CAN OZGUR YALCIN. Synthesis and In Vitro Activity of Polyhalogenated 2-phenylbenzimidazoles as a New Class of anti-MRSA and Anti-VRE Agents. *Chemical Biology & Drug Design*, (2016) 87(1), 57-68.
9. GURER-ORHAN HANDE, **KARAASLAN CIGDEM**, OZCAN SENEM, FIRUZI OMIDREZA, TAVAKKOLI MARJAN, SASO LUCIANO, SUZEN SIBEL. Novel indole-based melatonin analogues: Evaluation of antioxidant activity and protective effect against amyloid b-induced damage. *Bioorg.Med.Chem.*, (2016) 24, 1658–1664.

VII. Bildirileri

1. Hakan Göker, Çiğdem Karaaslan, Sulhiye Yıldız, *Studies on the Synthesis, Structure Elucidation of some novel substituted -2-(2,4-dihalosubstitutedanilino)-1H-benzimidazole derivatives and evaluation of their antifungal effects against Candida Species and antibacterial effects against Staphylococcies*, 45th International Conference on Medicinal Chemistry, Drug Discovery and Selection, Orleans-France, July 1-3, 2009, p.133.
2. Hakan Göker, Çiğdem Karaaslan. *Synthesis of Some Novel 1H-Anilinobenzimidazole dicarboxamidines*, The 18th International Conference on Organic Synthesis, Bergen-Norway, August 1-6, 2010, p.339.
3. Çiğdem Karaaslan, Hakan Göker. *Synthesis And Structure Elucidation Of Some New Monocationic Anilino Benzimidazole Carboxamidine Derivatives*, RICT 2013 Drug Discovery and Selection, When Chemical Biology meets Drug Design, Nice, France - July 3-5, 2013.
4. Çiğdem Karaaslan, Hakan Göker, Sulhiye Yıldız, *Bazı Yeni 2-(2,4-dihalojen-süstitüe-anilino)benzimidazol Türevlerinin Sentez, Yapı-Aydınlatmaları ve Candida Türü Mantarlara Karşı Antifungal ve Stafilokoklara Karşı Antibakteriyel Etkilerinin İncelenmesi*, 2. Ulusal Farmasötik Kimya Kongresi, Mersin, 13-15 Kasım 2009.
5. Hakan Göker, Çiğdem Karaaslan. *Some Novel 1H-Anilinobenzimidazole-dicarboxamidine Derivatives Possessing Antiparasitic Activity*, RICT 2011 Drug Discovery and Selection, Lyon, France - July 6-8, 2011.
6. Cigdem Karaaslan, Betül Tekiner-Gulbas, Didem Yılmaz, Hanif Shirinzade, Hande Gurur-Orhan, Sibel Suzen, *Antioxidant Properties of Melatonin Analogue*

New Indole Derivatives, 10th International Symposium on Pharmaceutical sciences, ISOPS, Ankara, University Faculty of Pharmacy, Ankara, Turkey, June 26-29, 2012.

7. Danae Casada, Cigdem Karaaslan, Hanif Shirinzade, Hande Gurer-Orhan, Sibel Suzen, *Synthesis and Investigation of Antioxidant Behaviour of New Indole Derivatives*, 10th International Symposium on Pharmaceutical sciences, ISOPS, Ankara, University Faculty of Pharmacy, Ankara, Turkey, June 26-29, 2012.

8. Hanif Shirinzade, Cigdem Karaaslan, Betul Tekiner-Gulbas, Burcu Eren, Hande Gurer-Orhan, Seckin Ozden, Sibel Suzen, *Antioxidant Properties of New Melatonin Analogues: Synthesis and in vitro Biological Activity Studies*, 10th International Symposium on Pharmaceutical sciences, ISOPS, Ankara, University Faculty of Pharmacy, Ankara, Turkey, June 26-29, 2012.

9. Hanif Shirinzade, Cigdem Karaaslan, Betul Tekiner-Gulbas, Didem Yılmaz, Mehmet Gumustas, Sibel A.Ozkan, Sibel Suzen, *Investigation on Electrochemical Behaviour of Indole-Hydrazones*, 10th International Symposium on Pharmaceutical sciences, ISOPS, Ankara, University Faculty of Pharmacy, Ankara, Turkey, June 26-29, 2012.

10. Cigdem KARAASLAN, Hakan GOKER, *Synthesis And Structure Elucidation of Some New Monocationic Anilino Benzimidazole Carboxiamidine Derivatives* “RICT 2013-International Conference on Medicinal Chemistry- Drug Discovery and Selection-When Chemical Biology Meets Drug Design“ da, 3-5 Temmuz 2013.

11. M. Orhan Püsküllü, Cigdem Karaaslan, Filiz Bakar, Hakan Göker, *Synthesis and Potent Anticancer Activities of Some Novel Imidazopyridine Derivatives*, RICT 2014 - 50th International Conference on Medicinal Chemistry, Rouen (France) - July 2-4, 2014.

12. M. Orhan Puskullu, Cigdem Karaaslan, Sulhiye Yildiz , Hakan Göker : *Synthesis and Very Potent Antistaphylococcal Activity of Polyhalogenated 2-Phenylbenzimidazoles*, III International Conference on Antimicrobial Research (ICAR) 2014 , 1-3 October Madrid, Spain.

13. KARAASLAN Ç., GOKER H., BAKAR F., *Antiproliferative activity of newly synthesized 4-(1H-Benzimidazole-2-yl-amino)Benzimidamide against breast carcinoma cell line MCF-7*, 2nd EACR Sponsored Anticancer Agents Congress. Bodrum, Turkey, 23-25 April, 2014, p.:107.

14. Cigdem Karaaslan, Hakan Goker, Filiz Bakar : *Anti-proliferative Activity of Newly Synthesized Some Benzimidazole Derivatives Against Breast Carcinoma Cell Line MCF-7*, EACR-Sponsored 3rd Anticancer Agent Development

Congress, Dokuz Eylül University, Izmir, Turkey, Closing Lecture: p38, 18-19 May 2015.

15. Karaaslan Cigdem, Goker Hakan: Antiproliferative Activity of Newly Synthesized Amidino Benzimidazole Derivatives and Examination of Their Conformity with Lipinsky Rules, 8th International Symposium on Computational Methods in Toxicology and Pharmacology Integrating Internet Resources (CMTPI-2015), Chios, Greece, MT-12: p47, 21, 25 June 2015.

16. Goker Hakan.; Karaaslan Cigdem; Puskullu Mustafa Orhan; Yildiz Sulhiye.; Duydu Yalcin; Ustundag Aylin; Yalcin Can Ozgur. Synthesis and In Vitro Activity of Polyhalogenated 2- phenyl benzimidazoles as a New Class of anti-MRSA and Anti-VRE Agents.Recent Developments in Pharmaceutical Analysis, Perugia, Italy, p36, June 28-July1 2015.

17.Ince Elif, Alev Tasci, Karaaslan Cigdem, Suzen Sibel, Gurer Orhan Hande. Comparision Of Antioxidant And Cytotoxic Activities Of 5-Metoxyindole-3-Aldehyde Hydrazones And Indole-7-Aldehyde Hydrazones. ISOPS 11th International Symposium on Pharmaceutical Sciences (2015).

18. Omid Reza Firuzi, Karaaslan Cigdem, Marjan Tavakkoli, Suzen Sibel, Saso Luciano. Indole-based analogs of melatonin protect neuronal cells against amyloid-beta-induced damage. International workshop on "Biochemistry, Physiology and Pharmacology of Oxidative stress" (2015).

19. Karaaslan Cigdem, Goker Ali Hakan, Brun Reto (2015). Antiprotozoal activity of newly synthesized mono/dicationic benzimidazole carboxamide derivatives.. The International Chemical Congress Of Pacific Basin Societies 2015 Honolulu, Hawaii, USA.

VII. PROJELERİ

Development of Indole and carbazole derivative drug active substances: Evaluation of antioxidant and chemopreventive activity in cancer. (Tubitak - Ankara-2013) Tubitak proje no 112S599

VIII. GÖREVLERİ

-EAFP Annual Conference 2013 (16-18 Mayıs 2013) organizasyon komitesinde görevli

-Eczacılık Fakültesi Erasmus Grubunda görevli (2010-2015)

VII. Üye Olduğu Bilimsel Kuruluşlar

Türk Farmasötik ve Medisinal Kimya Derneği
Moleküler Kanser Araştırma Derneği
The European Association of Cancer Research