

# ABDULİLÂH ECE

Asst. Prof. Dr.



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## Education

PhD.  
2005-2011

HACETTEPE UNIVERSITY  
FACULTY OF SCIENCE/DEPARTMENT OF CHEMISTRY/DIVISION OF ORGANIC CHEMISTRY

Dissertation Title: Computer aided drug design study of cyclin dependent kinase 2 (CDK2) inhibitors (2011) Advisor:(FATMA SEVİN DÜZ)

MSc.  
2002-2005

HACETTEPE UNIVERSITY  
FACULTY OF SCIENCE/DEPARTMENT OF CHEMISTRY/DIVISION OF ORGANIC CHEMISTRY

Dissertation Title: An experimental and computational investigation of the reaction of atomic carbon generated in carbon arc reactor with aniline (2005) Advisor:(FATMA SEVİN DÜZ)

BSc.  
1997-2002

HACETTEPE UNIVERSITY  
FACULTY OF SCIENCE/DEPARTMENT OF CHEMISTRY

## ACADEMIC EXPERIENCE

Asst. Prof. Dr.  
2014

BİRÜNİ UNIVERSITY/FACULTY OF PHARMACY/DEPARTMENT OF PHARMACEUTICAL CHEMISTRY)

Ress. Assist.  
2002-2011

HACETTEPE UNIVERSITY/FACULTY OF SCIENCE/DEPARTMENT OF CHEMISTRY ORGANIC CHEMISTRY DIVISION

## Thesis Being Directed

1. Faika Başođlu, Yeni keton-hidrazon ve spirotiyazolidinon türevlerinin sentez, yapı tayini ve biyolojik aktivite çaiřmaları, İSTANBUL UNIVERSITY/FACULTY OF PHARMACY /DEPARTMENT OF PHARMACEUTICAL CHEMISTRY/ (Co-advisor)

## Projects:

1. TUBITAK PROJECT, "Tungsten Metal Carbene Formation from the Reaction of Tungsten Aryoxide Complexes and Atomic Carbon: It's Activity in Metathesis Reactions", Project No: 107T403.
2. TUBITAK PROJECT, "Metal-Carbene Formation Using Atomic Carbon and Transition Metal Salts: It's Activity in Metathesis Reactions", Project No: 104T402.
3. TUBITAK PROJECT, "Investigation of the Reaction of Aniline with Atomic Carbon Generated in Carbon Arc Reactor", Project No: 103T146.

## Other Duties

Deputy Director of Graduate School of Health Sciences 2016-	BİRÜNİ UNIVERSITY
Member of Academic Evaluation and Quality Improvement Committee 2016-	BİRÜNİ UNIVERSITY/FACULTY OF PHARMACY
Member of Faculty Board of Directors 2014	BİRÜNİ UNIVERSITY/FACULTY OF PHARMACY
Member of Faculty Board 2014	BİRÜNİ UNIVERSITY/FACULTY OF PHARMACY
Senator 2014-2015	BİRÜNİ UNIVERSITY/FACULTY OF PHARMACY

## Courses \*

	Course Language	Hour
Undergraduate		
(2016-2017) Organic Chemistry	English	3
(2016-2016) General Chemistry	English	3
(2016-2017) General Chemistry Laboratory	English	2
(2016-2017) General Chemistry	Turkish	2
(2016-2017) Organic Chemistry	Turkish	2
(2015-2016) General Chemistry I-II	English	3+3
(2015-2016) Organic Chemistry I-II	Turkish	2+4
(2015-2016) General Chemistry	Turkish	2

\* Courses instructed for the last 2 years

## Publications

### International SCI/SCI Expanded Journals:

1. Er, M., Ergüven, B., Tahtaci, H., Onaran, A., Karakurt, T., Ece, A. (2017). Synthesis, characterization, preliminary SAR and molecular docking study of some novel substituted imidazo [2, 1-b][1, 3, 4] thiadiazole derivatives as antifungal agents. *Medicinal Chemistry Research*, Volume 26, Issue 3, pp 615-630, DOI: 10.1007/s00044-017-1782-4
2. Karakus, G., Ece, A., Yaglioglu, A. S., Zengin, H. B., Karahan, M. Synthesis, structural characterization, and antiproliferative/cytotoxic effects of a novel modified poly (maleic anhydride-co-vinyl acetate)/doxorubicin conjugate. *Polymer Bulletin*, 1-26, DOI: 10.1007/s00289-016-1821-1.
3. Ece Abdulilah\*, Pejin Boris\* (2014). A computational insight into acetylcholinesterase inhibitory activity of a new lichen depsidone. *Journal of Enzyme Inhibition and Medicinal Chemistry*, 30(4), 532., Doi: 10.3109/14756366.2014.949256
4. Pamuk Deniz, Taşdemir İbrahim Hüdai\*, Ece Abdulilah\*, Canel Esin, Kılıç Esma (2014). Redox Pathways of Aliskiren Based on Experimental and Computational Approach and Its Voltammetric Determination. *Journal of the Brazilian Chemical Society*, 24(8), 1276-1286., Doi: 10.5935/0103-5053.20130162.
5. Ece Abdulilah, Sevin Fatma (2013). The discovery of potential cyclin A/CDK2 inhibitors: a combination of 3D QSAR pharmacophore modeling, virtual screening, and molecular docking studies. *Medicinal Chemistry Research*, 22(12), 5832-5843., Doi: 10.1007/s00044-0571-y.
6. Zorluoğlu Seraceddin Levent, Taşdemir İbrahim Hüdai\*, Ece Abdulilah\*, Kiliç Esma (2013). A cooperative computational and experimental investigation on electrochemical behavior of metoprolol and its voltammetric determination. *Canadian Journal of Chemistry*, 91(10), 951-959., Doi: 10.1139/cjc-2012-0531
7. Tasdemir Ibrahim Hudai, Ece Abdulilah, Kiliç Esma (2012). Experimental and Theoretical Study on the Electrochemical Behavior of Zofenopril and its Voltammetric Determination. *Current Pharmaceutical Analysis*, 8(4), 339-348., Doi: 10.2174/157341212803341627
8. Ece Abdulilah, Sevin Fatma (2010). Exploring QSAR on 4-Cyclohexylmethoxypyrimidines as Antitumor Agents for Their Inhibitory Activity of CDK2. *Letters in Drug Design & Discovery*, 7(9), 631., , Doi: 10.2174/157018010792929612
9. Sokmen Ilkay, Ece Abdulilah, Duz Bulent, Sevin Fatma (2009). Reaction of Atomic Carbon with Isomeric Cresols. *Letters in Organic Chemistry*, 6(8), 650-653., Doi: 10.217/157017809790442907
10. Düz Bülent, Elbistan Can Koray, Ece Abdulilah, Sevin Fatma (2009). Application of carbon arc-generated Mo- and W-based catalyst systems to the ROMP of norbornene. *Applied Organometallic Chemistry*, 23(9), 359-364., Doi: 10.1002/aoc.1518
11. Düz Bülent, Yüksel Dilek, Ece Abdulilah, Sevin Fatma (2006). The first example of tungsten-based carbene generation from WCl<sub>6</sub> and atomic carbon and its use in olefin metathesis. *Tetrahedron Letters*, 47(29), 5167-5170., Doi: 10.1016/j.tetlet.2006.05.054

### International Presentations:

1. ECE ABDULİLAH, MIAH MD ABDULMANNAN, AYDOĞDU CEMİL, DÜZ BÜLENT, SEVİN FATMA (2009). Carbon Arc Reactor and Its Use In Metathesis Reactions. 18th International Symposium on Olefin Metathesis and Related Chemistry (ISOM XVIII) (Poster)
2. ECE ABDULİLAH (2009). Turkey's Country Report (Short Seminar). Training Course on Computer Design and Discovery of Potential Drugs for Developing Countries (Oral Presentation)
3. ECE ABDULİLAH, SEVİN DÜZ FATMA (2009). Exploring 3D-QSAR Pharmacophore Mapping of Pyrimidine derivatives for CDK2/cyclin A inhibition Using HypoGen Technique. "2nd Conference on Drug Development for the Third World: from Computational Molecular Biology to Experimental Approaches" (Poster)
4. ECE ABDULİLAH, ELBİSTAN CAN KORAY, DÜZ BÜLENT, SEVİN FATMA (2008). Application of carbon arc generated Mo and W based catalyst systems to the ROMP of norbornene. NATO Advanced Study Institute on "Green Metathesis Chemistry: Great Challenges in Synthesis, Catalysis and Nanotechnology" (Invited Speaker)
5. ECE ABDULİLAH, SEVİN FATMA (2008). A QSAR Study of 2-arylamino-4-cyclohexylmethoxy-5-nitroso-6-aminopyrimidine inhibitors of cyclin-dependent kinase 2. International Conference on "Drug Design and Discovery for Developing Countries" (Poster)
6. ECE ABDULİLAH, DÜZ BÜLENT, SEVİN FATMA (2007). Experimental and computational studies on the reaction of atomic carbon with aniline. International Symposium on Reactive Intermediates and Unusual Molecules (ISRIUM 07) (Poster)

7. ABDULİLAH ECE, TUBA TASKIN (2007). Turkey's Country Report (Short Seminar). Training Course on Molecular Design and Computer-assisted Combinatorial Chemistry (Oral Presentation)
8. ECE ABDULİLAH, ELBİSTAN CAN KORAY, DÜZ BÜLENT, SEVİN FATMA (2006). Molybdenum-based carbene generation from MoCl<sub>5</sub> and atomic carbon and its use in ROMP of Norbornene. New Frontiers in Metathesis: From Nanostructure Design to Sustainable Technologies from Synthesis of Advanced Materials (Poster)

### **National Journals:**

1. ECE ABDULİLAH\* E-Pharmacophore Mapping Combined with Virtual Screening and Molecular Docking to Identify Potent and Selective Inhibitors of P90 Ribosomal S6 Kinase (RSK). Turkish Journal of Pharmaceutical Sciences

### **Editorship**

1. Turkish Journal of Biology (SCI-Expanded), Dergi, Konuk Editör, TÜBİTAK

### **Reviewer**

1. Research on Chemical Intermediates (January 2017).
2. Journal of Molecular Modeling (January 2016).
3. Research on Chemical Intermediates (May 2015).
4. Scientia Pharmaceutica, The Austrian Journal of Pharmaceutical Sciences (November, 2013).
5. Natural Product Research (February, 2014).

### **Other Experiences**

2007-2011 **Doping Control Officer in International/National Sports Organizations**

### **Organized Training Courses**

2. Trainin Course on Computer Aided Drug Design, QSAR, Molecular Docking, Homology Modelling, Biruni UNIVERSITY, 16.05.2016 -17.05.2016 (<http://www.biruni.edu.tr/cadd/>)

Trainin Course on Computer Aided Drug Design, QSAR, Pharmacophore, Virtual Screening, Molecular Docking, Biruni UNIVERSITY, 11.05.2015 -12.05.2015 (Ulusal, <http://www.biruni.edu.tr/cadd/CADD-2015/>)