

## Assoc. Prof. Umut BULUT

### Personal Information

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### Education Information

Doctorate, Rensselaer Polytechnic Institute, United States Of America 2004 - 2007

Postgraduate, Middle East Technical University, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 2002 - 2004

Undergraduate, Middle East Technical University, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 1998 - 2002

### Dissertations

Doctorate, Reactivity Studies of Oxirane and Oxetane Monomers in Photoinitiated Cationic Polymerization, Rensselaer Polytechnic Institute, 2007

Postgraduate, Synthesis and characterization of conducting copolymers of carboxylic acid multithiophene functionalized monomers, Middle East Technical University, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2004

### Academic Titles / Tasks

Associate Professor, Acibadem Mehmet Ali Aydınlar University, Graduate School Of Health Sciences , Department Of Management İn Pharmaceutical Industry , 2020 - Continues

Associate Professor, Acibadem Mehmet Ali Aydınlar University, Faculty Of Pharmacy , Basic Pharmaceutical Sciences, 2016 - Continues

Lecturer PhD, University of Texas at Dallas, Kimya, 2012 - 2013

Assistant Professor, Middle East Technical University, Odtü Kuzey Kıbrıs Kampusu (Kktc-Güzelyurt), 2007 - 2011

### Academic and Administrative Experience

Rectorate Commissioner, Acibadem Mehmet Ali Aydınlar University, Faculty Of Pharmacy , Basic Pharmaceutical Sciences, 2021 - Continues

Faculty Self-Evaluation Commission, Acibadem Mehmet Ali Aydınlar University, Faculty Of Pharmacy , Basic Pharmaceutical Sciences, 2021 - Continues

Rektörlük Stratejik Plan Komisyonu Üyesi, Acibadem Mehmet Ali Aydınlar University, Faculty Of Pharmacy , Basic Pharmaceutical Sciences, 2021 - Continues

Erasmus Program Department Coordinator, Acibadem Mehmet Ali Aydınlar University, Faculty Of Pharmacy , Basic Pharmaceutical Sciences, 2020 - Continues

Head of Student Transfer Commission, Acibadem Mehmet Ali Aydınlar University, Faculty Of Pharmacy , Basic Pharmaceutical Sciences, 2019 - Continues

Member of Evaluation Commission, Acibadem Mehmet Ali Aydınlar University, Faculty Of Pharmacy , Basic Pharmaceutical Sciences, 2019 - Continues

Birim Kalite Komisyonu Başkanı, Acibadem Mehmet Ali Aydınlar University, Faculty Of Pharmacy , Basic Pharmaceutical Sciences, 2019 - Continues

Head of Department, Acibadem Mehmet Ali Aydınlar University, Faculty Of Pharmacy , Basic Pharmaceutical Sciences,

2019 - Continues

Anabilim Dalı Akademik Kurul Üyesi, Acibadem Mehmet Ali Aydınlar University, Graduate School Of Health Sciences , Department Of Management İn Pharmaceutical Industry , 2018 - Continues

Fakülte Kurulu Üyesi, Acibadem Mehmet Ali Aydınlar University, Faculty Of Pharmacy , Basic Pharmaceutical Sciences, 2018 - Continues

Head of Core Education Program Commission, Acibadem Mehmet Ali Aydınlar University, Faculty Of Pharmacy , Basic Pharmaceutical Sciences, 2017 - Continues

Eğitim ve Müfredat Kurulu üyesi, Acibadem Mehmet Ali Aydınlar University, Faculty Of Pharmacy , Basic Pharmaceutical Sciences, 2017 - Continues

Vice Dean, Acibadem Mehmet Ali Aydınlar University, Faculty Of Pharmacy , Basic Pharmaceutical Sciences, 2017 - Continues

Head of Department, Acibadem Mehmet Ali Aydınlar University, Faculty Of Pharmacy , Basic Pharmaceutical Sciences, 2016 - Continues

Fakülte Yönetim Kurulu Üyesi, Acibadem Mehmet Ali Aydınlar University, Faculty Of Pharmacy , Basic Pharmaceutical Sciences, 2016 - Continues

## Courses

Organic Chemistry 1, Undergraduate, 2020 - 2021, 2021 - 2022

Graduation Project II, Undergraduate, 2021 - 2022

Analytical Methods for Pharmaceutical Analysis, Undergraduate, 2021 - 2022

Graduation Project I, Undergraduate, 2021 - 2022

Organic Chemistry 2, Undergraduate, 2008 - 2009, 2009 - 2010, 2010 - 2011, 2011 - 2012, 2012 - 2013, 2021 - 2022

Genel Kimya, Undergraduate, 2007 - 2008, 2008 - 2009, 2009 - 2010, 2010 - 2011, 2011 - 2012, 2016 - 2017, 2017 - 2018, 2018 - 2019

Organik Kimya 2, Undergraduate, 2017 - 2018, 2018 - 2019

ORGANİK KİMYA 1, Undergraduate, 2016 - 2017, 2017 - 2018

ANALİTİK KİMYA 1, Undergraduate, 2016 - 2017, 2017 - 2018

Genel Kimya Lab, Undergraduate, 2012 - 2013

Organik Kimya Lab, Undergraduate, 2012 - 2013

Analitik Kimya, Undergraduate, 2009 - 2010

## Advising Theses

Bulut U., Substituted quinoxaline and benzimidazole containing monomers as long wavelength photosensitizers for diaryliodonium salt initiators in photopolymerization, Postgraduate, B.ÇORAKÇI(Student), 2013

Bulut U., Dibenzophenazine and quinoxaline derivatives as novel visible photosensitizers for diaryliodonium salts, Postgraduate, M.KOLAY(Student), 2011

Bulut U., Long wavelength photosensitizers with benzotriazole and benzimidazole skeletons for cationic polymerization, Postgraduate, S.YILMAZ(Student), 2011

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **A biosensor platform based on amine functionalized conjugated benzenediamine-benzodithiophene polymer for testosterone analysis**

BULUT U., ŞANLI S., Cevher S. C. , ÇIRPAN A., Donmez S., TİMUR S.

JOURNAL OF APPLIED POLYMER SCIENCE, vol.137, no.43, 2020 (Journal Indexed in SCI)

- II. **Long wavelength photosensitizers in photoinitiated cationic polymerization: The effect of**

### **quinoxaline derivatives on photopolymerization**

Corakci B., Hacıoğlu S. O., Toppare L., Bulut U.

POLYMER, vol.54, no.13, pp.3182-3187, 2013 (Journal Indexed in SCI)

- III. **Dibenzophenazine Derivatives as Visible Photosensitizers for Diaryliodonium Salts**  
Bulut U., Kolay M., Tarkuc S., Toppare L.  
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, vol.49, no.15, pp.3299-3303, 2011 (Journal Indexed in SCI)
- IV. **Benzotriazole Derivatives as Long Wavelength Photosensitizers for Diaryliodonium Salt Initiators**  
Bulut U., Balan A., Caliskan C.  
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, vol.49, no.3, pp.729-733, 2011 (Journal Indexed in SCI)
- V. **A Quinoxaline Derivative as a Long Wavelength Photosensitizer for Diaryliodonium Salts**  
Bulut U., Gunbas G. E., Toppare L.  
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, vol.48, no.1, pp.209-213, 2010 (Journal Indexed in SCI)
- VI. **Dual photo- and thermally initiated cationic polymerization of epoxy monomers**  
Crivello J. V., Bulut L.  
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, vol.44, no.23, pp.6750-6764, 2006 (Journal Indexed in SCI)
- VII. **Indian turmeric and its use in cationic photopolymerizations**  
Crivello J. V., Bulut U.  
MACROMOLECULAR SYMPOSIA, vol.240, pp.1-11, 2006 (Journal Indexed in SCI)
- VIII. **Curcumin: A naturally occurring long-wavelength photosensitizer for diaryliodonium salts**  
Crivello J., Bulut U.  
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, vol.43, no.21, pp.5217-5231, 2005 (Journal Indexed in SCI)
- IX. **Reactivity of oxetane monomers in photoinitiated cationic polymerization**  
Bulut U., Crivello J.  
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, vol.43, no.15, pp.3205-3220, 2005 (Journal Indexed in SCI)
- X. **Investigation of the reactivity of epoxide monomers in photoinitiated cationic polymerization**  
Bulut U., Crivello J.  
MACROMOLECULES, vol.38, no.9, pp.3584-3595, 2005 (Journal Indexed in SCI)
- XI. **Photoactivated cationic ring-opening frontal polymerizations of oxetanes**  
Crivello J., Bulut U.  
DESIGNED MONOMERS AND POLYMERS, vol.8, no.6, pp.517-531, 2005 (Journal Indexed in SCI)

### **Refereed Congress / Symposium Publications in Proceedings**

- I. **Polypeptide-functionalized Polymer Decorated with Gold Nanoparticles as Immobilization and Sensing Platform for Codeine Analysis**  
BULUT U., TİMUR S.  
International Eurasian Conference on Biotechnology and Biochemistry (BioTechBioChem 2020), Ankara, Turkey, 16 December 2020, pp.716-724
- II. **A Biosensor Platform Based on Benzenediamine-Benzodithiophene Polymer for Testosterone Analysis**  
Bulut U., Şanlı S., Dönmez S., Cevher Ş. C., Çırpan A., Odacı Demirkol D., Timur S.  
4th International Congress on Biosensors, Çanakkale, Turkey, 8 - 11 July 2019, pp.150

## **Supported Projects**

Bulut U., Onat I., Civil Society Organizations of Other Countries Supported Project, Childhood Cancer Pilot Grant Program, 2021 - 2022

Bulut U., Bastıyalı A., EU Supported Other Project, Build Together, Smile Together, 2021 - 2022

## **Citations**

Total Citations (WOS):455

h-index (WOS):10

## **Awards**

Bulut U., Young Scientist Award, Iupac, July 2011

Bulut U., W. H. Bauer Doctoral Prize, Rensselaer Polytechnic Institute, May 2007

Bulut U., Best M.S. Thesis Award, Odtü Mustafa Parlar Vakfi, June 2004