

## **Assoc. Prof. Behice Şebnem Sesalan**

### **Personal Information**

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### **International Researcher IDs**

ORCID: 0000-0002-0846-1552

Publons / Web Of Science ResearcherID: N-4837-2014

ScopusID: 6507519610

Yoksis Researcher ID: 202410

### **Education Information**

Doctorate, İstanbul Technical University, Fen Bilimleri Enstitüsü, Kimya (Dr), Turkey 1999 - 2003

Postgraduate, İstanbul Technical University, Fen Bilimleri Enstitüsü, Kimya (YI), Turkey 1997 - 1999

Undergraduate, İstanbul Technical University, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 1993 - 1997

### **Foreign Languages**

English

### **Research Areas**

Bioinorganic Chemistry

### **Academic Titles / Tasks**

Associate Professor, İstanbul Technical University, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2013 - Continues

Assistant Professor, İstanbul Technical University, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2004 - Continues

Research Assistant, İstanbul Technical University, Fen-Edebiyat Fakültesi, Kimya Bölümü, 1998 - 2003

### **Courses**

BİOİNORGANİK CHEMİSTRY, Postgraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012

INTRODUCTION TO BİOİNORGANİK CHEMİSTRY, Undergraduate, 2016 - 2017

### **Supported Projects**

Sesalan B. Ş., Project Supported by Higher Education Institutions, Yeni biyoteknolojik makromoleküllerin sentezi ve uygulamaları, 2016 - 2018

Sesalan B. Ş., Öztürk Y., Project Supported by Higher Education Institutions, Biyoteknolojik Uygulamalara Yönelik Yeni

Sıvı Kristal Bileşiklerin Tasarımı, 2016 - 2018

Sesalan B.Ş., Project Supported by Higher Education Institutions, Suda Çözünür Silikon Ftalosiyinlerin Sentezi İle Biyolojik Ve Fotokimyasal Özelliklerinin İncelenmesi, 2013 - 2014

Sesalan B.Ş., Project Supported by Higher Education Institutions, Suda Çözünür Yeni Silisyum Ftalosiyinlerin Sentezi, DNA ile Etkileşimleri ve Fotokimyasal Özelliklerinin İncelenmesi, 2011 - 2012

Sesalan B.Ş., Project Supported by Higher Education Institutions, Çeşitli Fonksiyonel gruplar Taşıyan Yeni Ftolasiyanın ve Porfirazinlerin Sentezi ve Fotokimyasal Özelliklerinin İncelenmesi, 2010 - 2011

Sesalan B.Ş., Project Supported by Higher Education Institutions, Suda Çözünür Yeni Ftalosiyinlerin Sentezi, 2006 - 2008

## Scientific Refereeing

Current Organic Synthesis, SCI Journal, January 2017

Synthetic Metals, SCI Journal, March 2015

Dalton Transactions, SCI Journal, January 2015

Dyes and Pigments , SCI Journal, January 2015

European Journal of Medicinal Chemistry, SCI Journal, February 2014

Journal of Organometallic Chemistry, SCI Journal, July 2013

Journal of Photochemistry and Photobiology, SCI Journal, June 2013

Turkish Journal of Chemistry , National Scientific Refreed Journal, March 2013

Dyes and Pigments, SCI Journal, January 2013

Turkish Journal of Chemistry , National Scientific Refreed Journal, January 2013

Current Catalysis, SCI Journal, July 2012

Current Catalysis , SCI Journal, June 2012

Current Organic Chemistry , SCI Journal, June 2012

Current Medicinal Chemistry , SCI Journal, April 2012

## Metrics

Publication: 42

Citation (WoS): 281

Citation (Scopus): 341

H-Index (WoS): 10

H-Index (Scopus): 13

## Congress and Symposium Activities

Synthesis of a novel SiPc-PEG1000 and evaluation of its antibacterial properties, Attendee, Budapest, Hungary, 2016

DNA-Binding Properties of Morpholinoethanol Substituted Water Soluble Phthalocyanines, Attendee, Zaragoza, Spain, 2016

Biological Properties of Novel Water Soluble Phthalocyanines Carrying Nitrogen Groups, Attendee, Kiel, Germany, 2016

Water-soluble Chlorophyll Analogues for Red Light Driven Artificial Photosynthesis, Attendee, İstanbul, Turkey, 2013

Novel Water Soluble Silicon Phthalocyanines In PDT, Attendee, Torino, Italy, 2012

Myokardiyal Enfarktüste Riskli Bölgeyi Belirlemek İçin Kullanılan Ftalosiyinler, Attendee, --Seçiniz--, Turkey, 2012

Photochemical, photophysical and biological properties of novel water soluble phthalocyanines bearing trifluoro methylquinoline groups, Attendee, Praha, Czech Republic, 2012

Kemoterapiye Alternatif Fotodinamik Terapide Ftalosiyinlerin Önemi, Attendee, Turkey, 2011

DNA-interacting new water soluble silicon phthalocyanines, Attendee, Helsinki, Finland, 2011

Synthesis of new water-soluble phthalocyanines and investigation of their biological properties, Attendee, Helsinki, Finland, 2011

Suda çözünür yeni çinko ftalosiyanın sentezi ve DNA ile etkileşiminin incelenmesi, Attendee, Turkey, 2011

The investigation of a novel zinc phthalocyanine as a photodynamic therapy agent on Erhlich tumor model in mice, Attendee, Shanghai, China, 2009

12 adet amino grup içeren suda ve organik çözüçülerde çözünen yeni ftalosiyaniner, Attendee, Turkey, 2008

1,4-dityaheterohalkaları içeren porfirazinlerin sentezi, Attendee, Turkey, 2003

Synthesis of new bis(tetrapyrrole) derivatives, Attendee, Toulouse, France, 1999

Porphyrazines with new functionalities, Attendee, Edinburgh, United Kingdom, 1998

### **Non Academic Experience**

Almanya Bremen Üniversitesi