

## Assoc. Prof. Behice Şebnem Sesalan

### Personal Information

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### Education Information

Doctorate, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Dr), Turkey 1999 - 2003

Postgraduate, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Yl), Turkey 1997 - 1999

Undergraduate, İstanbul Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 1993 - 1997

### Foreign Languages

English

### Research Areas

Bioinorganic Chemistry

### Academic Titles / Tasks

Associate Professor, İstanbul Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2013 - Continues

Assistant Professor, İstanbul Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2004 - Continues

Research Assistant, İstanbul Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 1998 - 2003

### Courses

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

INTRODUCTION TO BİÖİNORGANİK 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 Ftalosiyanınların Sentezi İle Biyolojik Ve Fotokimyasal Özelliklerinin İncelenmesi, 2013 - 2014

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

Sesalan B. Ş. , Project Supported by Higher Education Institutions, Çeşitli Fonksiyonel gruplar Taşıyan Yeni Ftalosiyanın

ve Porfirazinlerin Sentezi ve Fotokimyasal Özelliklerinin İncelenmesi, 2010 - 2011

Sesalan B. Ş. , Project Supported by Higher Education Institutions, Suda Çözünür Yeni Ftalosiyanınların 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

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

Dyes and Pigments, SCI 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

## Edit 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 Ftalosiyanınlar, 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 Ftalosiyanınların 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 çözücülerde çözünen yeni ftalosiyanınlar, 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, Scotland, 1998

## Citations

Total Citations (WOS):274

h-index (WOS):10