

## Prof. İSMET YILMAZ

### Personal Information

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### International Researcher IDs

ScholarID: N30qVCsAAAAJ

ORCID: 0000-0002-7204-1050

Publons / Web Of Science ResearcherID: AAG-8946-2019

ScopusID: 7004914053

Yoksis Researcher ID: 4866

### Education Information

Doctorate, Inonu University, Fen Bilimleri, Kimya/Biyokimya, Turkey 1990 - 1995

Postgraduate, Inonu University, Fen Bilimleri, Kimya/Biyokimya, Turkey 1987 - 1990

Undergraduate, Inonu University, Fen Edebiyat, Kimya, Turkey 1983 - 1987

### Research Areas

Chemistry, Biochemistry, Natural Sciences

### Academic Titles / Tasks

Professor, Inonu University, Fen-Edebiyat Fakültesi, Kimya, 2009 - Continues

Associate Professor, Inonu University, Fen-Edebiyat Fakültesi, Kimya, 2003 - 2009

Assistant Professor, Inonu University, Fen-Edebiyat Fakültesi, Kimya, 1997 - 2003

Research Assistant, Inonu University, Fen-Edebiyat Fakültesi, Kimya, 1990 - 1997

### Academic and Administrative Experience

BAP Coordinator, Malatya Turgut Özal University, Rector's Office, 2019 - 2020

Vice Rector, Malatya Turgut Özal University, Rector's Office, 2018 - 2020

Dean, Malatya Turgut Özal University, Ereğli Faculty Of Engineering And Natural Sciences, 2018 - 2019

Head of Department, Inonu University, Fen-Edebiyat Fakültesi, Kimya Bölümü, 1998 - 2018

Inonu University, Fen-Edebiyat Fakültesi, 2008 - 2010

### Courses

Metabolizmaya Giriş ve Genel Metabolik Yollar, Undergraduate Double Major, 2021-2022

Biyokimya Laboratuvarı, Undergraduate, 2020 - 2021

Biyokimya -II, Undergraduate, 2021-2022

Biyokimyasal Hesaplamalar, Postgraduate, 2020 - 2021  
Yaşlanma Biyokimyası, Doctorate, 2021 - 2022  
Toksikoloji, Undergraduate, 2021-2022  
Biyokimya -I, Undergraduate, 2020-2021  
Akademik Sunum Teknikleri, Undergraduate, 2020-2021  
Biyokimya Lab., Undergraduate, 2020-2021  
Yaşlanma Biyokimyası, Undergraduate Minor, 2017-2018  
Biyokimya, Undergraduate, 2016 - 2017  
Biyokimya-1, Undergraduate, 2017-2018  
Metabolizmaya Giriş ve Genel Metabolik Yolar, Postgraduate, 2016 - 2017  
Oksidatif Stres ve Doku Hasarı, Doctorate, 2016 - 2017  
Toksikoloji, Undergraduate, 2016 - 2017  
Biyokimya-2, Undergraduate, 2017-2018  
Metabolizmaya Giriş ve Genel Metabolik Yolar, Undergraduate Double Major, 2016-2017  
Oksidatif Stres ve Doku Hasarı, Undergraduate Minor, 2016-2017  
Biyokimya, Undergraduate, 2016-2017  
Toksikoloji, Undergraduate, 2016-2017  
METABOLİZMAYA GİRİŞ VE GENEL METABOLİK YOLLAR, Undergraduate Double Major, 2014-2015  
Yaşlanma Biyokimyası, Undergraduate Minor, 2014-2015  
TOKSİKOLOJİ, Undergraduate, 2014-2015  
Toksikoloji, Undergraduate, 2013-2014  
Oksidatif Stres ve Doku Hasarı, Undergraduate Minor, 2013-2014  
Metabolizmaya Giriş Ve Genel Metabolik Yollar, Undergraduate Double Major, 2013-2014  
Biyokimya Laboratuvarı, Undergraduate, 2013-2014  
Biyokimya-I, Undergraduate, 2013-2014  
Biyokimya-II, Undergraduate, 2013-2014

## **Published journal articles indexed by SCI, SSCI, and AHCI**

- I. **Determination of characterization, antibacterial and drug release properties of POSS- based film synthesized with sol-gel technique**  
Acari I. K., KÖYTEPE S., ATEŞ B., YILMAZ İ., SEÇKİN T.  
TURKISH JOURNAL OF CHEMISTRY, vol.45, no.6, pp.1774-1785, 2021 (SCI-Expanded)
- II. **Preparation of hybrid PU/PCL fibers from steviol glycosides via electrospinning as a potential wound dressing materials**  
Mehteroglu E., Cakmen A. B., Aksoy B., Balcioglu S., KÖYTEPE S., ATEŞ B., YILMAZ İ.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.137, no.40, 2020 (SCI-Expanded)

## **Articles Published in Other Journals**

- I. **Synthesis of polyhedral oligomeric silsesquioxane-n-acetylcysteine conjugate with click chemistry and its antioxidant response and biocompatibility**  
KARACA AÇARI İ., Balcioglu S., ATEŞ B., KÖYTEPE S., YILMAZ İ., SEÇKİN T.  
Cumhuriyet Science Journal, 2020 (Peer-Reviewed Journal)
- II. **Antioxidant free radical scavenging and metal chelating characteristics of propolis**  
GEÇKİL H., ATEŞ B., DURMAZ G., ERDOĞAN S., YILMAZ İ.  
American Journal of Biochemistry and Biotechnology, 2005 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **The Preparation of Antibacterial Wound Dressing Materials Containing Allantoin via Electrospinning Method**  
Çakmen A. B., NOMA S. A. A., GÜRSES C., KÖYTEPE S., ATEŞ B., YILMAZ İ.  
2. EBAT (Eurasia Biochemical Approaches & Technologies) Kongresi, Antalya, Turkey, 26 - 29 October 2019, pp.170
- II. **Preparation of Allantoin-Based Wound Dressing Materials to Enhance Wound Healing**  
Çakmen A. B., NOMA S. A. A., GÜRSES C., KÖYTEPE S., ATEŞ B., YILMAZ İ.  
5 th International Eurasian Congress on 'Natural Nutrition, Healthy Life & Sport', Ankara, Turkey, 2 - 06 October 2019, pp.1734-1735
- III. **Synthesis Characterization and Dopamine Selective Properties Of Polyurethane Films Containing Chlorogenic Acid**  
Erel E., Karaaslan M., KÖYTEPE S., ATEŞ B., YILMAZ İ.  
Macro2016, 17 - 21 July 2016
- IV. **The effects of selenium on rainbow trout liver treated with heavy metals**  
TALAS Z. S., ORUN I., ALKAN A., Ozdemir I., ERDOGAN K., Yılmaz İ.  
31st Congress of the Federation-of-European-Biochemical-Societies (FEBS), İstanbul, Turkey, 24 - 29 June 2006, vol.273, pp.155
- V. **The defensive effects of synthetic organoselenium compounds on the antioxidative system of DMBA induced rat brain**  
TALAS Z. S., YILMAZ İ., Ozdemir I., Gok Y., ORUN I., CETINKAYA B.  
31st Congress of the Federation-of-European-Biochemical-Societies (FEBS), İstanbul, Turkey, 24 - 29 June 2006, vol.273, pp.154-155

## Supported Projects

SEÇKİN T., KARACA AÇARI İ., PAŞAHAN A., AKPOLAT N., SEVİMLİ R., YILMAZ İ., GÜLTEK A., ATEŞ B., ERENLER A. Ş., SEZER S., et al., Project Supported by Higher Education Institutions, Osseointegrasyon ve antibakteriyel özellikleri artırılmış titanyum implantların üretilmesi, 2018 - 2021

YILMAZ İ., ÇAKMEN A. B., Project Supported by Higher Education Institutions, ALLANTOİN İÇEREN ANTİBAKTERİYEL ÖZELLİKTE POLİÜRETAN/POLİKAPROLAKTON TEMELLİ YARA ÖRTÜ MALZEMELERİNİN ELEKTROSPİNNİNG YÖNTEMİ İLE HAZIRLANMASI VE UYGULANMASI, 2018 - 2021

ATEŞ B., NOMA S. A. A., YILMAZ İ., ULU A., BALCIOĞLU S., Project Supported by Higher Education Institutions, Zein Proteini İçeren UV Kürlenabilir ve Antibakteriyel Özellikte Poliüretan-Akrilat Biyoyapıştırıcıların Hazırlanması, 2018 - 2020

ATEŞ B., ŞİMŞEK M., YILMAZ İ., KÖYTEPE S., BALCIOĞLU S., NOMA S. A. A., ÇAKMEN A. B., Project Supported by Higher Education Institutions, Elektrospinning İle Siklodekstrin Temelli Konak-konuk (Host-Guest) Etkileşimi İçeren Poliüretan Yara Örtü Malzemelerinin Hazırlanması ve Uygulanması, 2017 - 2020

YILMAZ İ., Project Supported by Higher Education Institutions, BİYOMEDİKAL UYGULAMALARDA KULLANILMAK ÜZERE MELATONİN VE SEROTONİN'İN EŞ ZAMANLI TAYİNİ İÇİN POLİMERİK SENSÖRLERİN GELİŞTİRİLMESİ, 2016 - 2018

## Metrics

Publication: 45

Citation (WoS): 809

Citation (Scopus): 743

H-Index (WoS): 17

H-Index (Scopus): 16