

## Prof. Dr. ZERRİN SELLER

### Kişisel Bilgiler

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Publons / Web Of Science ResearcherID: H-4865-2015

Yoksis Araştırmacı ID: 38673

### Eğitim Bilgileri

Doktora, University of London, İngiltere 1994 - 1997

Yüksek Lisans, University of East Anglia, İngiltere 1993 - 1995

Lisans, Anadolu Üniversitesi, Fen-Edebiyat Fakültesi, Biyoloji Pr., Türkiye 1986 - 1990

### Yabancı Diller

İngilizce, B2 Orta Üstü

### Yaptığı Tezler

Doktora, Role of VLA-4-Mediated Signalling in Malignant Melanoma Cell Adhesion and Migration, University of London, 1997

Yüksek Lisans, The effects of N-Ras expression on proliferation and differentiation in a muscle cell line, University of East Anglia, 1995

### Araştırma Alanları

Temel Eczacılık Bilimleri, Sağlık Bilimleri, Eczacılık, Biyokimya

### Akademik Unvanlar / Görevler

Prof. Dr., Anadolu Üniversitesi, ECZACILIK FAKÜLTESİ, TEMEL ECZACILIK BİLİMLERİ BÖLÜMÜ, 2011 - Devam Ediyor

Doç. Dr., Anadolu Üniversitesi, ECZACILIK FAKÜLTESİ, TEMEL ECZACILIK BİLİMLERİ BÖLÜMÜ, 2005 - 2011

Yrd. Doç. Dr., Anadolu Üniversitesi, ECZACILIK FAKÜLTESİ, TEMEL ECZACILIK BİLİMLERİ BÖLÜMÜ, 1998 - 2005

### Akademik İdari Deneyim

Anadolu Üniversitesi, 2016 - Devam Ediyor

Anadolu Üniversitesi, 2001 - Devam Ediyor

## Verdiği Dersler

Sinyal İletim Biyokimyası, Yüksek Lisans, 2018 - 2019

ADEZYON MOLEKÜLLERİ, Yüksek Lisans, 2018 - 2019, 2013 - 2014, 2012 - 2013, 2011 - 2012

Apoptozun Biyolojisi ve Mekanizması, Yüksek Lisans, 2018 - 2019, 2017 - 2018, 2012 - 2013, 2011 - 2012, 2010 - 2011

Biyokimya I, Lisans, 2017 - 2018

Apoptozun Biyolojisi ve Mekanizması, Yüksek Lisans, 2017 - 2018

Biyomoleküller, Yüksek Lisans, 2017 - 2018

BİYOKİMYA, Lisans, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008

Biyokimyaya Giriş I, Yüksek Lisans, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

Biyokimyasal Laboratuvar Bulgularının Değerlendirilmesi, Lisans, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

Biyokimyaya Giriş II, Yüksek Lisans, 2012 - 2013, 2010 - 2011, 2009 - 2010

## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Aglycemia induces apoptosis under hypoxic conditions in A549 cells**  
ÖĞÜNÇ KEÇECİ Y., Incesu Z.  
CELL BIOCHEMISTRY AND FUNCTION, cilt.42, sa.2, 2024 (SCI-Expanded)
- II. **Vincristine and  $\epsilon$ -viniferine-loaded PLGA-b-PEG nanoparticles: pharmaceutical characteristics, cellular uptake and cytotoxicity**  
Ogunc Y., DEMİREL M., YAKAR A., Incesu Z.  
JOURNAL OF MICROENCAPSULATION, sa.1, ss.38-46, 2017 (SCI-Expanded)
- III. **DETERMINATION OF PHENOLIC COMPOUNDS, CYTOTOXIC, ANTIOXIDANT AND ANTICANDIDAL EFFECTS OF TRIBULUS TERRESTRIS L. (ZYGOPHYLLACEAE)**  
KÜÇÜK S., GÖGER F., İŞCAN G., ÖZDEMİR F., KIRIMER N., Incesu Z.  
FRESENIUS ENVIRONMENTAL BULLETIN, sa.8, ss.5434-5440, 2017 (SCI-Expanded)
- IV. **CYTOTOXICITY SCREENING, ANTIOXIDANT ACTIVITY AND PHENOLIC PROFILE OF TWO SPECIES OF THYMUS ON HUMAN CERVICAL AND OVARIAN CANCER CELLS LINES IN VITRO**  
ÖZDEMİR F., KÜÇÜK S., GÖGER F., Incesu Z.  
FRESENIUS ENVIRONMENTAL BULLETIN, sa.5, ss.3583-3590, 2017 (SCI-Expanded)
- V. **Direct and protective effects of single or combined addition of vincristine and epsilon-viniferin on human HepG2 cellular oxidative stress markers in vitro**  
Tarhan S., ÖZDEMİR F., Incesu Z., Demirkan E. S.  
CYTOTECHNOLOGY, sa.4, ss.1081-1094, 2016 (SCI-Expanded)
- VI. **Preparation and in vitro characterization of epsilon-viniferine and vincristine sulfate loaded PLGA-b-PEG nanoparticles**  
Ogunc Y., DEMİREL M., Yakar A., SELLER Z.  
ANTI-CANCER DRUGS, 2015 (SCI-Expanded)
- VII. **Synthesis and Evaluation of New Dithiocarbamic Acid 6,11-Dioxo-6,11-dihydro-1H-anthra[1,2-d]-imidazol-2-yl Methyl Esters**  
Onder N. I., Incesu Z., ÖZKAY Y.  
ARCHIV DER PHARMAZIE, sa.7, ss.508-517, 2015 (SCI-Expanded)
- VIII. **EFFECTS ON CASPASES ACTIVATION BY USING A COMBINATION OF CIS-PLATIN WITH E-VINIFERIN IN RAT GLIOMA CELLS**  
Mert N. I. O., Sen M., Apaydin E., Incesu Z., ÖZDEMİR F.  
ANTICANCER RESEARCH, sa.10, ss.6087-6088, 2014 (SCI-Expanded)

- IX. **COMBINED TREATMENT OF CISPLATIN AND epsilon-VINIFERIN INDUCES C6 (RAT GLIOMA) CELL APOPTOSIS IN TIME-DEPENDENT MANNER**  
Apaydin E., Ayrim A., Mert N. I. O., Incesu Z., Ozdemir F.  
ANTICANCER RESEARCH, sa.10, ss.5812-5813, 2014 (SCI-Expanded)
- X. **Towards Novel Anti-tumor Strategies for Hepatic Cancer: epsilon-Viniferin in Combination with Vincristine Displays Pharmacodynamic Synergy at Lower Doses in HepG2 Cells**  
ÖZDEMİR F., AKALIN ÇİFTÇİ G., Sen M., Onder N. I., Iscan A., KUTLU H. M., Incesu Z.  
OMICS-A JOURNAL OF INTEGRATIVE BIOLOGY, sa.5, ss.324-334, 2014 (SCI-Expanded)
- XI. **Effects of fibronectin and type IV collagen on osteosarcoma cell apoptosis**  
Incesu Z., Hatipoglu I., SİVAS H., ERGENE E., AKALIN ÇİFTÇİ G.  
INDIAN JOURNAL OF EXPERIMENTAL BIOLOGY, sa.10, ss.789-796, 2013 (SCI-Expanded)
- XII. **Antimicrobial and anticancer effects of some 2-(substitutedsulfanyl)-N-(5-methyl-isoxazol-3-yl)acetamide derivatives**  
ÖZKAY Y., Incesu Z., Onder N. I., TUNALI Y., KARACA H., İŞIKDAĞ İ., Ucucu U.  
MEDICINAL CHEMISTRY RESEARCH, sa.1, ss.211-218, 2013 (SCI-Expanded)
- XIII. **Anticancer Activity of Some Bisbenzimidazoles**  
İŞIKDAĞ İ., ÖZKAY Y., Incesu Z., AKALIN ÇİFTÇİ G.  
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, sa.9-10, ss.465-470, 2011 (SCI-Expanded)
- XIV. **Synthesis of 2-substituted-N-[4-(1-methyl-4,5-diphenyl-1H-imidazole-2-yl) phenyl]acetamide derivatives and evaluation of their anticancer activity**  
ÖZKAY Y., İŞIKDAĞ İ., Incesu Z., Akalin G.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, sa.8, ss.3320-3328, 2010 (SCI-Expanded)
- XV. **Apoptotic Effects of Some Thiohydantoin Derivatives**  
Incesu Z., AKALIN ÇİFTÇİ G.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, sa.3, ss.268-274, 2010 (SCI-Expanded)
- XVI. **Synthesis of some 3,4-disubstituted-6,7-dihydro-imidazo[2,1-b][1,3]thiazole and 3,4-disubstituted-7,8-dihydro-6H-imidazo[2,1-b][1,3]thiazine derivatives and evaluation of their cytotoxicities against F2408 and 5RP7 cells**  
MERİÇ A., Incesu Z., Hatipoglu I.  
MEDICINAL CHEMISTRY RESEARCH, sa.1, ss.30-41, 2008 (SCI-Expanded)
- XVII. **Determination of genotoxic, antigenotoxic and cytotoxic potential of the extract from lichen Cetraria aculeata (Schreb.) Fr. in vitro**  
Zeytinoglu H., Incesu Z., Tuylu B. A., Turk A. O., Barutca B.  
PHYTOTHERAPY RESEARCH, sa.1, ss.118-123, 2008 (SCI-Expanded)
- XVIII. **Antiproliferative effects of some N-benzylideneanilines**  
ÖZKAY Y., Incesu Z., İŞIKDAĞ İ., Yesilkaya M.  
CELL BIOCHEMISTRY AND FUNCTION, sa.1, ss.102-106, 2008 (SCI-Expanded)
- XIX. **Synthesis of some 2,4-di- and 2,3,4-trisubstituted benzimidazo[1,2-a]pyrimidines and evaluation of their cytotoxicities towards F2408 and 5RP7 cells**  
Meric A., Incesu Z., Karayel A., Ozbey S.  
REVISTA DE CHIMIE, sa.11, ss.1090-1097, 2006 (SCI-Expanded)
- XX. **Synthesis and cytotoxic and analgesic activities of some 1,5-diaryl-3-ethoxycarbonylpyrrole derivatives**  
DEMİRAYAK Ş., Beis R., KARABURUN A. Ç., Kayagil I., Incesu Z., Ucucu U.  
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, sa.1, ss.113-118, 2006 (SCI-Expanded)
- XXI. **Modification of intracellular free calcium in cultured F2408 embryo fibroblasts by 3-substituted-2-thiohydantoin derivatives**  
Incesu Z., Benkli K., Akalin G., KAPLANCIKLI Z. A.  
CELL BIOLOGY INTERNATIONAL, sa.4, ss.267-272, 2004 (SCI-Expanded)
- XXII. **Inhibition of DNA synthesis by carvacrol in mouse myoblast cells bearing a human N-RAS oncogene**

Zeytinoglu H., Incesu Z., Baser K.

PHYTOMEDICINE, sa.4, ss.292-299, 2003 (SCI-Expanded)

**XXIII. Synthesis and effects on intracellular calcium of some 1,3-bis-(heteroaryl substituted)benzene derivatives**

Meric A., SELLER Z., Isikdag I.

FARMACO, cilt.57, sa.7, ss.543-548, 2002 (SCI-Expanded)

**XXIV. The effects of triazole derivatives in intracellular Ca<sup>2+</sup> mobilisation in rat embryo fibroblast**

Incesu Z., ÖZTÜRK Y., Demirayak S.

FUNDAMENTAL & CLINICAL PHARMACOLOGY, ss.42, 2001 (SCI-Expanded)

## **Diğer Dergilerde Yayınlanan Makaleler**

**I. Determination of cytotoxic, antioxidant activities and LC/MS-MS profiles of three endemic Verbascum L. species**

KÜÇÜK S., HAS M., GÖGER F., ÖZDEMİR F., SELLER Z.

European Journal of Life Sciences, 2023 (Hakemli Dergi)

## **Bilirkişi Raporları**

**I. Histoprognostic factors in bladder cancer A case series of 156 patients**

SELLER Z.

2015

## **Bilimsel Hakemlikler**

TÜBİTAK Projesi, 1001 - Bilimsel ve Teknolojik Araştırma Projelerini Destekleme Programı, Anadolu Üniversitesi, Türkiye, Mart 2021

TÜBİTAK Projesi, 2247 - A Ulusal Lider Araştırmacılar Programı, TÜBİTAK, Türkiye, Ağustos 2020