

Assoc. Prof. CANAN SEVİMLİ GÜR

Personal Information

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Education Information

Doctorate, Ege University, Fen Bilimleri Enstitüsü, Biyoteknoloji (YI) (Tezli), Turkey 2003 - 2009

Postgraduate, Ege University, Fen Bilimleri Enstitüsü, Biyoloji (YI) (Tezli), Turkey 2001 - 2003

Undergraduate, Ege University, Faculty Of Science, Biyoloji Bölümü, Turkey 1992 - 1996

Foreign Languages

English, C1 Advanced

Academic Titles / Tasks

Associate Professor, Kocaeli University, Fen-Edebiyat Fakültesi, Biyoloji Bölümü, 2014 - Continues

Assistant Professor, Kocaeli University, Fen-Edebiyat Fakültesi, Biyoloji Bölümü, 2011 - 2014

Research Assistant, Kocaeli University, Fen-Edebiyat Fakültesi, Biyoloji Bölümü, 2010 - 2011

Research Assistant, Ege University, Fen Bilimleri Enstitüsü, Biyoteknoloji (YI) (Tezli), 2003 - 2010

Research Assistant, Ege University, Fen Bilimleri Enstitüsü, Biyoloji (YI) (Tezli), 2001 - 2003

Academic and Administrative Experience

Program Koordinatörü, Kocaeli University, Fen Edebiyat Fakültesi, Biyoloji, 2014 - 2019

Mevlana Exchange Program Coordinator, Kocaeli University, Fen Edebiyat Fakültesi, Biyoloji, 2013 - 2019

Head of Department, Kocaeli University, Biyoloji Bölümü, 2013 - 2019

Erasmus Coordinator, Kocaeli University, Fen Edebiyat Fakültesi, Biyoloji, 2011 - 2017

Courses

Biyolojik Çeşitlilik III, Undergraduate

Yüksek Lisans Tez, Postgraduate

Omurgasız Hayvanlar Sistematiği, Undergraduate

Uzmanlık Alan Dersi, Postgraduate

Doktora Tez, Doctorate

Biyogüvenlik, Undergraduate

Yüksek Lisans Seminer, Postgraduate

Gen Ekspresyonu, Undergraduate

Biyoteknoloji, Undergraduate

Gelişim Biyolojisi, Undergraduate

Kök Hücre Teknolojileri, Undergraduate

Doktora Seminer, Doctorate

Hayvan Embriyolojisi, Undergraduate
Genel Biyoloji, Undergraduate
Laboratuvar ve İş Güvenliği, Undergraduate
Sitotoksisite ve Biyouyumluluk, Undergraduate
İleri Rekombinant DNA Teknolojisi, Undergraduate
Mikrobiyoloji, Undergraduate
Gen Ekspresyonunun Düzenlenmesi, Undergraduate
Seminer, Undergraduate
Moleküler Biyoteknoloji, Undergraduate
Hayvan Hücre Kültürü Teknolojileri, Undergraduate
Viroloji, Undergraduate
Hücre Klonlama Teknikleri, Undergraduate
Rekombinant DNA Teknolojisi, Undergraduate
Kromatografik Yöntemler Doğal Ürünlerin Saflaştırılması, Undergraduate
Histoloji, Undergraduate
Kanser ve Doğal Ürünler, Undergraduate
Sağlık Bilgisi ve İlk Yardım, Undergraduate
Kansere Moleküler Yaklaşım, Undergraduate

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Anticancer activities of bioactive peptides derived from rice husk both in free and encapsulated form in chitosan**
İLHAN AYIŞIĞI E., Budak G., ÇELİKTAŞ M. S. , SEVİMLİ GÜR C., YEŞİL ÇELİKTAŞ Ö.
JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY, vol.103, pp.381-391, 2021 (Journal Indexed in SCI)
- II. **Preparation of Ethanol Extract of Propolis Loaded Niosome Formulation and Evaluation of Effects on Different Cancer Cell Lines**
ÇETİN UYANIKGİL E. Ö. , Salmanoglu D. S. , Ozden I., Ors-Kumoglu G., Akar S., Demirozer M., Karabey F., KILIÇ K. D. , Kirilmaz L., UYANIKGİL Y., et al.
NUTRITION AND CANCER-AN INTERNATIONAL JOURNAL, 2021 (Journal Indexed in SCI)
- III. **BIOLOGICAL ACTIVITY OF THE EXTRACTS FROM PECAN SHELLING INDUSTRY BYPRODUCTS**
SEVİMLİ GÜR C., GEZGİN Y., Oz A., Al Sharqi S., GÜMÜŞ Z. P. , Dunford N. T.
TRANSACTIONS OF THE ASABE, vol.64, no.3, pp.869-877, 2021 (Journal Indexed in SCI)
- IV. **Anticancer, antioxidant and antimicrobial activities of extracts from Mediterranean plants**
Sevimli Gür C.
Records of Natural Products, no.20, pp.55-78, 2019 (Journal Indexed in SCI Expanded)
- V. **A novel niosome formulation for encapsulation of anthocyanins and modelling intestinal transport**
Fidan-Yardimci M., AKAY Ş., Sharifi F., SEVİMLİ GÜR C., ÖNGEN ÖZGEN G., YEŞİL ÇELİKTAŞ Ö.
FOOD CHEMISTRY, vol.293, pp.57-65, 2019 (Journal Indexed in SCI)
- VI. **Cytotoxicity screening of supercritical fluid extracted seaweeds and phenylpropanoids**
SEVİMLİ GÜR C., YEŞİL ÇELİKTAŞ Ö.
MOLECULAR BIOLOGY REPORTS, vol.46, no.4, pp.3691-3699, 2019 (Journal Indexed in SCI)
- VII. **In vitro tumor suppression properties of blueberry extracts in liquid and encapsulated forms**
Sevimli Gür C.
European Food Research And Technology, vol.6, pp.1057-1063, 2017 (Journal Indexed in SCI Expanded)
- VIII. **In vitro tumor suppression properties of blueberry extracts in liquid and encapsulated forms**
Kazan A., SEVİMLİ GÜR C., YEŞİL ÇELİKTAŞ Ö., Dunford N. T.
EUROPEAN FOOD RESEARCH AND TECHNOLOGY, vol.243, no.6, pp.1057-1063, 2017 (Journal Indexed in SCI)
- IX. **Synthesis of silica-PAMAM dendrimer nanoparticles as promising carriers in Neuro blastoma cells**
YEŞİL ÇELİKTAŞ Ö., Pala C., Cetin-Uyanikgil E. O. , SEVİMLİ GÜR C.

ANALYTICAL BIOCHEMISTRY, vol.519, pp.1-7, 2017 (Journal Indexed in SCI)

- X. **Green Extraction Processes Focusing on Maximization of Black Carrot Anthocyanins along with Cytotoxic Activities**
Pala C., SEVİMLİ GÜR C., YEŞİL ÇELİKTAŞ Ö.
FOOD ANALYTICAL METHODS, vol.10, no.2, pp.529-538, 2017 (Journal Indexed in SCI)
- XI. **Investigating anthocyanin contents and in vitro tumor suppression properties of blueberry extracts prepared by various processes**
Kazan A., SEVİMLİ GÜR C., YEŞİL ÇELİKTAŞ Ö., Dunford N. T.
EUROPEAN FOOD RESEARCH AND TECHNOLOGY, vol.242, no.5, pp.693-701, 2016 (Journal Indexed in SCI)
- XII. **Extracts from Black Carrot Tissue Culture as Potent Anticancer Agents**
SEVİMLİ GÜR C., ÇETİN B., Akay S., Gulce-Iz S., YEŞİL ÇELİKTAŞ Ö.
PLANT FOODS FOR HUMAN NUTRITION, vol.68, no.3, pp.293-298, 2013 (Journal Indexed in SCI)
- XIII. **ALCAPs induce mitochondrial apoptosis and activate DNA damage response by generating ROS and inhibiting topoisomerase I enzyme activity in K562 leukemia cell line**
Bogurcu N., Sevimli-Gur C., Ozmen B., BEDİR E., KORKMAZ K. S.
BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, vol.409, no.4, pp.738-744, 2011 (Journal Indexed in SCI)
- XIV. **In vitro growth stimulatory and in vivo wound healing studies on cycloartane-type saponins of Astragalus genus**
Sevimli-Gur C., ONBAŞILAR İ., ATİLLA P., Genc R., Cakar N., Deliloglu-Gurhan I., Bedir E.
JOURNAL OF ETHNOPHARMACOLOGY, vol.134, no.3, pp.844-850, 2011 (Journal Indexed in SCI)
- XV. **Inhibitory Effects of Rosemary Extracts, Carnosic Acid and Rosmarinic Acid on the Growth of Various Human Cancer Cell Lines**
YEŞİL ÇELİKTAŞ Ö., Sevimli C., Bedir E., Vardar-Sukan F.
PLANT FOODS FOR HUMAN NUTRITION, vol.65, no.2, pp.158-163, 2010 (Journal Indexed in SCI)
- XVI. **Cytotoxic Naphthoquinones from Alkanna cappadocica**
Sevimli-Gur C., AKGÜN İ. H. , Deliloglu-Gurhan I., KORKMAZ K. S. , BEDİR E.
JOURNAL OF NATURAL PRODUCTS, vol.73, no.5, pp.860-864, 2010 (Journal Indexed in SCI)
- XVII. **Determination of Naphthazarin Derivatives in 16 Alkanna Species by RP-LC Using UV and MS for Detection**
Akgun I., Ganzera M., Gur C., Senol S., Korkmaz K., BEDİR E.
CHROMATOGRAPHIA, vol.70, pp.963-967, 2009 (Journal Indexed in SCI)
- XVIII. **Determination of polyphenolic constituents and biological activities of bark extracts from different Pinus species**
Yesil-Celiktas O., Ganzera M., Akgun I., Sevimli C., KORKMAZ K. S. , BEDİR E.
JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE, vol.89, no.8, pp.1339-1345, 2009 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Evaluation of the advantages, risks, social awareness and consciousness of the herbal treatments in public health**
SEVİMLİ GÜR C.
International Journal Turkbilim, 2019 (Refereed Journals of Other Institutions)
- II. **Biological Activities of Propolis Crude Extract and It's Applications in Nanotechnology and Drug Transport Systems**
OZDEN I., SEVİMLİ GÜR C.
International Journal Turkbilim, 2018 (Refereed Journals of Other Institutions)
- III. **Wild Life, The Importance of Endemic Plants and Natural Product Sources and Management Strategies of Wild Life**

SEVİMLİ GÜR C.

International Journal Turkbilim, 2018 (Refereed Journals of Other Institutions)

IV. The circle of success in health communication: Empatic behavior

SEVİMLİ GÜR C.

International Journal Turkbilim, 2018 (Refereed Journals of Other Institutions)

V. Investigation of antimicrobial activities of raw extracts of Juniperus sp., Smilax sp. and Ganoderma sp. in Turkey

SEVİMLİ GÜR C., OGUZ A.

International Journal Turkbilim, 2017 (Refereed Journals of Other Institutions)

**VI. Natural products and an important endemic example from Turkey for their anticancer activities
Alkanna sp**

SEVİMLİ GÜR C.

INTERNATIONAL JOURNAL TURKBİLİM, no.17, pp.1-17, 2015 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. INVESTIGATION OF NIOSOME FORMULATION CONTAINING PROPOLIS EXTRACT EFFECT ON PROSTATE CANCER BY CELL CULTURE METHOD**
Salmanoğlu D. S. , ÇETİN UYANIKGİL E. Ö. , SEVİMLİ GÜR C., Demirözer M., Akar S., Karabey F., KIRILMAZ L., KILIÇ K. D. , UYANIKGİL Y.
Biomed 2019, 17 - 20 October 2019
- II. INVESTIGATION OF ANTICANCER ACTIVITY OF NIOSOMES LOADED WITH RAW ETHANOL PROPOLIS EXTRACTS AGAINST VARIOUS TUMOR CELLS**
özden i, SEVİMLİ GÜR C., ÇETİN UYANIKGİL E. Ö. , demirozer m.
Uluslararası Marmara Fen ve Sosyal Bilimler Kongresi (BAHAR 2019), Kocaeli, Turkey, 26 - 28 April 2019
- III. Growth inhibitory effects of protein extracts of waste rice husk in chitosan nanoparticles on various tumor cells**
Budak G., İLHAN AYIŞIĞI E., GÜLÇE İZ S., YEŞİL ÇELİKTAŞ Ö., SEVİMLİ GÜR C.
International Conference on Technology, Engineering and Science, Antalya, Turkey, 26 - 29 October 2017
- IV. Cytotoxic activity of a new mesoporous silica carrier synthesis with sol-gel techn in brain tumors**
YEŞİL ÇELİKTAŞ Ö., Pala C., ÇETİN UYANIKGİL E. Ö. , SEVİMLİ GÜR C.
International Conference on Technology, Engineering and Science, Antalya, Turkey, 26 - 29 October 2017
- V. Antitumorogenic activities of blueberry water and acetone extracts encapsulated with chitosan on different cancer cells**
Kazan A., SEVİMLİ GÜR C., YEŞİL ÇELİKTAŞ Ö., Turgut Dunford N.
International Conference on Technology, Engineering and Science, Antalya, Turkey, 26 - 29 October 2017
- VI. Evaluation of the proliferative effects of chitosan nanoparticles containing anthocyanin on neuroblastoma cancer cells**
ÇETİN UYANIKGİL E. Ö. , YEŞİL ÇELİKTAŞ Ö., Pala C., SEVİMLİ GÜR C.
2nd International Gazi Pharma Symposium Series, Ankara, Turkey, 11 - 13 October 2017
- VII. SCRUTINIZING THE FACT OF IMMIGRATION FROM SOCIOPSYCHOLOGICAL POINT OF VIEW**
SEVİMLİ GÜR C.
"I. Uluslararası Göç ve Kültür Sempozyumu", 1 - 03 December 2016
- VIII. CHILDREN PUSHED TO THE STREETS AND PRIORITIES IN SOCIAL RESPONSIBILITY PROJECTS**
SEVİMLİ GÜR C., TUNCAY S.
SPEHES-ANTALYA - INT'L CONFERENCE - 24-25 JUNE 2016 - AKDENİZ UNIVERSITY - ANTALYA, TURKEY, United States Of America, 24 - 25 June 2016
- IX. CANCER A BRIEF OVERVIEW ON NATURAL TREATMENTS TO CONVENTIONAL THERAPY AND SIGNIFICANT INSTANCE FROM ANATOLIA**
SEVİMLİ GÜR C.

SPEHES-ANTALYA – 2016 INTERNATIONAL Conference 24-25 June 2016 “Studies in Politics, Education, Health, Engineering and Sociology-ANTALYA” Akdeniz University – Antalya, Turkey, United States Of America, 24 - 25 June 2016

X. PSYCHOLOGICAL PERCEPTION and THE IMPACT of COMMUNICATION on THE FORMATION of WATERSOCIOLOGY DETERMINING POLICIES of WATER SOCIOLOGY

SEVİMLİ GÜR C., TUNCA S.

SPEHES-IZMIR – 2016 INTERNATIONAL Conference 22 April 2016 “Studies in Politics, Education, Health, Engineering and Sociology-ANTALYA” Ege University University – IZMIR, Turkey, United States Of America, 22 - 23 April 2016

XI. SCIENTIFIC PROOF FOR THE TREATMENT OF CANCER BY NATURAL PRODUCTS THE IMPORTANT and COMMON SPECIMENS FROM TURKEY

SEVİMLİ GÜR C.

SPEHES-IZMIR – 2016 INTERNATIONAL Conference 22 April 2016 “Studies in Politics, Education, Health, Engineering and Sociology-ANTALYA” Ege University University – IZMIR, Turkey, United States Of America, 22 - 23 April 2016

Supported Projects

SEVİMLİ GÜR C., Project Supported by Higher Education Institutions, YEŞİL EKSTRAKSİYON YÖNTEMİ İLE ELDE EDİLEN ORYZA SATİVA ATIK KABUĞU PROTEİN EKSTRELERİNİN KİTOSAN NANOPARTİKÜLLERİNE ENKAPSÜLASYONUNUN OPTİMİZASYONU VE YÜKLÜ NANOPARTİKÜLLERİN ÇEŞİTLİ TÜMÖR HÜCRELERİNE ANTİTÜMÖROJENİK AKTİVİTELERİNİN ARAŞTIRILMASI, 2018 - Continues

SEVİMLİ GÜR C., Project Supported by Higher Education Institutions, PROPOLİS HAM ETANOL EKSTRESİ İLE YÜKLÜ NİOZOMLARIN, 2 BOYUTLU ÇEŞİTLİ TUMOR, NORMAL HÜCRE KÜLTÜRLERİNDE ANTİKANSER AKTİVİTELERİNİN DOZA VE ZAMANA BAĞLI OLARAK ARAŞTIRILMASI VE KARŞILAŞTIRILMASI, 2018 - Continues

SEVİMLİ GÜR C., Project Supported by Higher Education Institutions, SİKLOASTRAGENOL MOLEKÜLÜNÜN HCEC HÜCRE HATTI ÜZERİNDEKİ SİTOTOKSİK AKTİVİTESİNİN ARAŞTIRILMASI, 2018 - 2019

SEVİMLİ GÜR C., Project Supported by Higher Education Institutions, BİYOAKTİVİTE REHBERLİ OLARAK, ORYZA SATİVA BİYOKÜTLESİNİN EKSTRAKSİYONUNUN OPTİMİZASYONU VE FARKLI PROSESLER VE/VEYA PARAMETRELER İLE ELDE EDİLEN EKSTRELERİN ÇEŞİTLİ TÜMÖR HÜCRELERİ ÜZERİNE ANTİTÜMÖROJENİK AKTİVİTESİNİN ARAŞTIRILMASI VE KARŞILAŞTIRILMASI, 2018 - 2018

SEVİMLİ GÜR C., Project Supported by Higher Education Institutions, JUNİPERUS OXYCEDRUS, SMİLAX ASPERA, GANODERMA LUCIDUM TÜRLERİNDEN ELDE EDİLEN HAM ÖZÜTLERİN ANTİKANSER, ANTİOKSİDAN VE ANTİMİKROBİYAL ETKİLERİNİN ARAŞTIRILMASI VE BİYOLOJİK AKTİVİTELERİNİN KARŞILAŞTIRMASI, 2017 - 2018

SEVİMLİ GÜR C., Project Supported by Higher Education Institutions, YÜKSEK BASINÇLI SICAK SU EKSTRAKSİYONU İLE ELDE EDİLEN PROTEİN EKSTRELERİNİN ÇEŞİTLİ TÜMÖR HÜCRELERİ ÜZERİNE SİTOTOKSİK AKTİVİTESİNİN ARAŞTIRILMASI, 2016 - 2017

SEVİMLİ GÜR C., Project Supported by Higher Education Institutions, Vaccinium myrtillus bitkisinden süperkritik akışkan teknolojisi ve mikrodalga yardımcı ekstraksiyon ile antosiyaninlerin eldesi ve enkapsülasyonu ve antikanser ve antioksidan aktivitesinin araştırılması Obtaining anthocyanin from the plant of Vaccinium myrtillus by means of supercritical fluid technology and microwave supported extraction, its encapsulation and researching its anti-cancer and antioxidant activity, 2014 - 2015

SEVİMLİ GÜR C., Project Supported by Higher Education Institutions, Atık deniz fanegramlarının superkritik CO2 yöntemi ile elde edilen ekstralarının antikanser ve antioksidan etkileri, 2013 - 2014

Activities in Scientific Journals

Türkbilim Dergisi, Editor, 2015 - Continues

Metrics

Publication: 41

Citation (WoS): 360

Citation (Scopus): 386

H-Index (WoS): 7

H-Index (Scopus): 8