



## Assist. Prof. Dr. YASEMİN YÜCEL YÜCEL

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### EDUCATIONAL INFORMATION

Degree	University	Department	Year(s)
Doctoral Degree	Hacettepe University	Biochemistry (Phd)	2003 - 2010
Master's Degree	Hacettepe University	Biochemistry (Master's) (with Thesis)	2000 - 2003
Bachelor's Degree	Ankara University	Biology Department	1995 - 1999

### RESEARCH AREAS

Acetylcholinesterase inhibition, Butyrylcholinesterase inhibition, Monoamine oxidases, Biological activities, Neurodegenerative diseases

### ACADEMIC DUTIES

Duty	University	Area	Year(s)
Doctor Faculty Member	Altinbas University	Department of Basic Pharmaceutical Sciences	2012 -
Research Assistant	Hacettepe University	Department of Basic Pharmaceutical Sciences	2001 - 2009

### ADMINISTRATIVE DUTIES

Duty	University	Year(s)
Bologna Coordinator	Altinbas University	2021 -
Research Uyg. Center Assistant Director	Altinbas University	2017 -
Head of Department	Altinbas University	2017 -
Education Coordinator	Altinbas University	2017 -
Assistant Dean	Altinbas University	2017 -
Commission Membership	Istanbul Kemerburgaz University	2014 -
Head of Department	Istanbul Kemerburgaz University	2013 - 2013
Erasmus Coordinator	Istanbul Kemerburgaz University	2013 -
Head of Department	Altinbas University	2012 - 2014
Faculty Executive Board Membership	Istanbul Kemerburgaz University	2012 -
Faculty Board Membership	Istanbul Kemerburgaz University	2012 -

### ACADEMIC AND PROFESSIONAL MEMBERSHIPS

Organisation	Membership	Year(s)
FABAD	Member	2003 -
Turkish Biochemistry Society	Member	2002 -

### NON-UNIVERSITY EXPERIENCE

Country	Organisation	Duty	Year(s)
France	Inserm/Université UMR1048, Insitute of	Visiting Scientist	2013 - 2013

Metabolic and Cardiovascular Diseases – I2MC,  
Toulouse, Fransa

## BOOKS

### Current Research In Health Sciences

Dindar Neslişah, YÜCEL YASEMİN YÜCEL

Gece Kitaplığı, 978-625-430-202-2, 2022

Scientific Book Chapter(s)

### RESEARCH & REVIEWS IN HEALTH SCIENCES - II

Tutar Simay, YÜCEL YASEMİN YÜCEL

Gece Kitaplığı, 978-625-8075-32-8, 2021

Scientific Book Chapter(s)

### TÜRK FARMAKOPESİ 2017

UÇAR GÜLBERK, SEPİCİ DİNÇEL AYLİN, GÖNENÇ AYMELEK, PABUÇÇUOĞLU NEFİSE AYSUN, AKAYDIN

SEVGİ, KONYALIOĞLU SİBEL, TETİK ŞERMİN, DAĞCI TANER, ÖZKAN YEŞİM, SELLER ZERRİN, ARMAĞAN

GÜLİZ, AKALIN ÇİFTÇİ GÜLŞEN, HAMAMCIOĞLU AYŞE CEYLAN, YÜCEL YASEMİN YÜCEL, SERKANT UTKU, ERİKÇİ

AÇELYA, BAYSAL İPEK, YABANOĞLU ÇİFTÇİ SAMİYE

T.C. SAĞLIK BAKANLIĞI, 9789755906751, 2018

Scientific Book Chapter(s)

## ARTICLES

### Determination of Biological Activities of *Salvia sclarea* L.

YÜCEL YASEMİN YÜCEL, ÖZDEMİR NATH EBRU

FABAD Farmasotik Bilimler Ankara Dernegi, 2023

International DOI: 10.55262/fabadeczacilik.1293118

### *Anthemis tricolor* Containing Unusual Totarol with Cytotoxic and Acetylcholinesterase-Inhibitory Activity

Yasemin Yücel Yücel, Hüseyin Servi, Kaan Polatoğlu, Ayşe Nalbantsoy

Chemistry & Biodiversity, 2024

International DOI: 10.1002/cbdv.202300913

### Investigation of the protective effect of gel incorporating *Eugenia jambolana* leaf extract on 5-fluorouracil-induced oral mucositis: an animal study

AKSOY NİLAY, ŞEN EMİNE, sukmasari susi, Bingöl Özakpınar Özlem, ARICIOĞLU FEYZA, YÜCEL YASEMİN YÜCEL,

Dumlu Muhammet Rıdvan, Doolaanea Abd Almonem, AbdulRahman Mohammad Nasrin, OLGAÇ NECAT VAKUR, Bozkan Pırıl,

ÖZEN BUĞRA

Springer Science and Business Media LLC, 2022

International DOI: 10.1007/s00432-022-04065-3

### Comparison of restorative materials and surface alterations after prebiotic and probiotic beverages: A nanoindentation and SEM study

MERT EREN MELTEM, OZAN GÜNÇE, YILDIRIM BİLMEZ ZUHAL, GÜRCAN ALİYE TUĞÇE, YÜCEL YASEMİN YÜCEL

Microscopy Research and Technique, 2021

International DOI: 10.1002/jemt.23923

### A Comparison Of Surface Roughness Values of Various Restorative Materials Immersed in Pedodontic Pre- and Probiotics

OZAN GÜNÇE, MERT EREN MELTEM, GÜRCAN ALİYE TUĞÇE, YILDIRIM BİLMEZ ZUHAL, YÜCEL YASEMİN YÜCEL

BIOINTERFACE RESEARCH IN APPLIED CHEMISTRY, 2021

International DOI: 10.33263/BRIAC116.1438914402

### Mitochondrial 4-HNE derived from MAO-A promotes mitoCa<sup>2</sup> overload in chronic postischemic cardiac remodeling

Santin Yohan, Fazal Loubina, Sainte-Marie Yannis, Sicard Pierre, Maggiorani Damien, Tortosa Florence, YÜCEL YASEMİN

YÜCEL, Teyssedre Lise, Rouquette Jacques, Marcellin Marlene, Vindis Cecile, Shih C Jean, Lairez Oliver, Burlet Schiltz Odile, Parini

Angelo, Lezoualc h Frank, Mialet Perez Jeanne

Cell Death Differentiation, 2020

International

**ARTICLES****Composition and Acetylcholinesterase inhibition properties of Tripleurospermum inodorum (L.) Sch. Bip. Essential Oil from İstanbul**

SERVİ HÜSEYİN, YÜCEL YASEMİN YÜCEL, POLATOĞLU KAAN

Aurum Journal of Health Sciences, 2018

National

**Cytotoxic, antimicrobial activities, AChE and BChE inhibitory effects of compounds from Tanacetum chiliophyllum (Fisch. Mey.) Schultz Bip. var. oligocephalum (D.C.) Sosn. and T. chiliophyllum (Fisch. Mey.) Schultz Bip. var. monocephalum Grierson**

POLATOĞLU KAAN, YÜCEL YASEMİN YÜCEL, NALBANTSOY AYŞE, YALÇIN HÜSNİYE TANSEL, GÖREN NEZHUN

Phytochemistry Letters, 2017

International DOI: 10.1016/j.phytol.2017.10.011

**Insecticidal activity of Salvia veneris Hedge. Essential oil against coleopteran stored product insects and Spodoptera exigua (Lepidoptera)**

POLATOĞLU KAAN, KARAKOÇ ÖMER CEM, YÜCEL YASEMİN YÜCEL, GÜCEL SALİH, DEMİRCİ BETÜL, DEMİRCİ

FATİH, BAŞER KEMAL HÜSNÜ CAN

Industrial Crops and Products, 2017

International DOI: 10.1016/j.indcrop.2016.12.012

**Insecticidal activity of edible Crithmum maritimum L. essential oil against Coleopteran and Lepidopteran insects**

POLATOĞLU KAAN, KARAKOÇ ÖMER CEM, YÜCEL YASEMİN YÜCEL, GÜCEL SALİH, DEMİRCİ BETÜL, BAŞER

KEMAL HÜSNÜ CAN, DEMİRCİ FATİH

Industrial Crops and Products, 2016

International DOI: 10.1016/j.indcrop.2016.05.032

**Determination of Biological Activities of Micromeria myrtifolia Boiss. & Hohen**

Yücel, Yasemin Yücel, Özdemir Nath, Ebru

Journal of Faculty of Pharmacy of Ankara University, 2024

International DOI: https://doi.org/10.33483/jfpau.1372535

**Essential oil composition of Isatis floribunda Boiss. ex. Bornm. and acetylcholinesterase inhibitory activity of its extract**

Güzel, E., Yücel, Y. Y., Alkan, M. ve Polatoğlu, K.

Acta Pharmaceutica Scientia, 2024

International DOI: http://dx.doi.org/10.23893/1307-2080.APS6237

**Investigation of the degree of monomer conversion in dental composites through various methods: an in vitro study**

Üçüncü, M. K., Çeliksöz, Ö., Şen, E., Yücel, Y. Y., Dinç, B.

Applied Sciences - Basel, 2024

International DOI: 10.3390/app14114406

**Composition, insecticidal activity and other biological activities of Tanacetum abrotanifolium Druce. essential oil**

POLATOĞLU KAAN, KARAKOÇ ÖMER CEM, YÜCEL YASEMİN YÜCEL, DEMİRCİ BETÜL, GÖREN NEZHUN, BAŞER

KEMAL HÜSNÜ CAN

Industrial Crops and Products, 2015

International DOI: 10.1016/j.indcrop.2015.03.052

**Fumigant and Contact Toxicity of Ruta Chalepensis L. (Rutaceae) Essential Oil Against Five Coleopteran Stored Product Pests and Its Effects on Cholinesterases**

YÜCEL, Yasemin Yücel, Ömer Cem KARAKOÇ, Hüseyin SERVİ, Salih GÜCEL, Ayşe NALBANTSOY ve Kaan POLATOĞLU

Plant Protection Bulletin , 2023

International DOI: https://doi.org/10.16955/bitkorb.1374633

**Cytotoxicity and Acetylcholinesterase inhibitory and PRAP activities of the essential oils of selected Tanacetum L. species.**

POLATOĞLU KAAN, SERVİ HÜSEYİN, YÜCEL YASEMİN YÜCEL, NALBANTSOY AYŞE

Natural Volatiles and Essential Oils, 2015

International

## ARTICLES

### **Comparative effects of cationic triarylmethane phenoxazine and phenothiazine dyes on horse serum butyrylcholinesterase**

YÜCEL Yasemin Yücel, Tacal Özden, ÖZER İnci

Archives of Biochemistry and Biophysics, 2008

International

### **Electrophilic reactivity of cationic triarylmethane dyes towards proteins and protein related nucleophiles**

ELDEM Yasemin, ÖZER İnci

Dyes and Pigments, 2004

International

### **Insecticidal and AChE inhibitory activities of *Matricaria chamomilla* var. *recutita* essential oils collected from different regions against storage insect pests**

Alkan, M., Servi, H., Karakoç, Ö. C., Ertürk, S., Yücel, Y. Y., ve Polatoğlu, K.

Journal of Stored Products Research, 2024

International | DOI: 10.1016/j.jspr.2024.102439

## PROCEEDINGS

### **CHOLINESTERASES AND THEIR ROLES IN LIFE SCIENCES**

YÜCEL YASEMİN YÜCEL

1. Uluslararası Sağlık Bilimlerinde Multidisipliner Çalışmalar Kongresi, 2020

International

### **Economic consideration of patient high fidelity simulation system**

AKSOY NİLAY, Alqozbakir Tayf, HAFEZ GAYE, SİNANİ GENADA, YÜCEL YASEMİN YÜCEL, YEĞEN GİZEM, AKSU NEŞE BUKET, ADALI CEREN

2nd MyDispense Symposium, 2018

International

### **Mydispense: A New Trend/Tool for Pharmacy Education**

AKSU NEŞE BUKET, HAFEZ GAYE, YEĞEN GİZEM, AKSOY NİLAY, SİNANİ GENADA, HUSSEIN HASAN ALI HUSSEIN, YÜCEL YASEMİN YÜCEL, TANOL MEHMET, Hussein: Hasan, YÜCEL YASEMİN

78th FIP World Congress of Pharmacy and Pharmaceutical Sciences, 2018

International

### **Acetylcholinesterase inhibitory and essential oil composition of *Tripleurospermum inodorum* (L.) Sch. Bip.**

SERVİ HÜSEYİN, YÜCEL YASEMİN YÜCEL, DOĞAN AHMET, POLATOĞLU KAAN

3. İVEK Uluslararası İlaç ve Eczacılık Kongresi, 2017

International

### **Essential oil composition of *Hypericum perforatum* L. from Istanbul**

YÜCEL YASEMİN YÜCEL, Servi Hüseyin, POLATOĞLU KAAN

48th International Symposium on Essential Oils, 2017

International

### **Acetylcholinesterase inhibitory and essential oil composition of *Tripleurospermum inodorum* (L.) Sch. Bip.**

SERVİ HÜSEYİN, YÜCEL YASEMİN YÜCEL, DOĞAN AHMET, POLATOĞLU KAAN

İVEK, Uluslararası İlaç ve Eczacılık Kongresi, 2017

International

### ***Tanacetum parthenium* (Asteraceae) Uçucu Yağının İnsektisidal ve AChE Engelleyici Aktiviteleri**

Ertürk Sait, SERVİ HÜSEYİN, KARAKOÇ ÖMER CEM, ALKAN MUSTAFA, YÜCEL YASEMİN YÜCEL, POLATOĞLU KAAN

Uluslararası Katılımlı Türkiye VI. Bitki Koruma Kongresi, 2016

National

## PROCEEDINGS

### **İstanbul ve Bursa'dan Toplanan Matricaria chamomilla var. recutita Uçucu Yağlarının İnsektisidal ve AChE Engelleyici Aktiviteleri**

ALKAN MUSTAFA, SERVİ HÜSEYİN, KARAKOÇ ÖMER CEM, Ertürk Sait, YÜCEL YASEMİN YÜCEL, POLATOĞLU KAAN  
Uluslararası Katılımlı Türkiye VI. Bitki Koruma Kongresi, 2016

National

### **IRON SUPPLEMENTATION INCREASES OXIDATIVE STRESS IN NON-ANAEMIC PREGNANT WOMEN**

CEYLAN IŞIK ASLI FAHRİYE, TULMAÇ ÖZLEM BANU, YÜCEL YASEMİN YÜCEL, YEŞİLADA AKGÜL  
11th International Symposium on Pharmaceutical Sciences (ISOPS-11), 2015

International

### **The effects of triarylmethane dyes on horse plasma butyrylcholinesterase**

YÜCEL Yasemin Yücel, TACAL Özden, ÖZER İnci  
32nd FEBS Congress 7-12 July 2007, Vienna, Austria,

International

### **Electrophilic Reactivity of Cationic Triarylmethane Dyes Towards Proteins and Protein Related Nucleophiles**

ELDEM Yasemin Yücel, ÖZER İnci  
13th Balkan Biochemical Biophysical Days, 12-15 October 2003, Kuşadası, Turkey,

International

## PROJECTS

### **Demir Tedavisi Alan Anemik ve Anemik Olmayan Gebelerde Oksidan Antioksidan Durumun Değerlendirilmesi (Executive)**

Scientific research project supported by Higher Education Institutions, 31.01.2013 - 30.05.2014

National Completed

### **Mandelik asit esterlerinin sentezlenmesi, insektisidal ve fungisidal özelliklerinin belirlenmesi (Researcher)**

Other public institutions (except Higher Education Institutions), 25.09.2016 - 14.08.2020

National Completed

### **Lamiaceae Familyasından Seçilmiş Bazı Tıbbi Bitkilerin Biyolojik Aktivitelerinin ve Fitokimyasal Özelliklerinin Değerlendirilmesi (Executive)**

Scientific research project supported by Higher Education Institutions, 21.01.2021 - 21.07.2023

National Completed

### **K K T C de Bitki Çayı Olarak Kullanılan Endemik Salvia veneris Hedge nin Uçucu Yağ İçeriğinin ve Silo Zararlılarına Karşı Aktif Bileşenlerinin Belirlenmesi (EN\_cv\_academic\_projekonumlari\_)**

Scientific research project supported by Higher Education Institutions, 21.01.2014 - 21.01.2015

National Completed

### **Nigella sativa bitkisi tohum posasından gıda takviyelerinin geliştirilmesi (Researcher)**

Scientific research project supported by Higher Education Institutions, 20.10.2017 - 20.10.2019

National Completed

### **Bitkisel Ekstre ve Saf Maddeler için MAO A ve MAO B İnhibisyon Testlerinin HPTLC ye Uyarlanması (Executive)**

TÜBİTAK Project, 01.11.2014 - 01.11.2017

National Completed

### **Bazı Uçucu Yağ ve Bileşenlerinin İnsektisidal, Davranışsal ve Nematisidal Etkinliklerinin Belirlenmesi (Researcher)**

Other public institutions (except Higher Education Institutions), 01.01.2018 - 01.01.2019

National Completed

### **Eugenia jamboolana'dan hazırlanan jelin deneysel mukozit modelinde farmakolojik etki potansiyelinin araştırılması (Researcher)**

Scientific research project supported by Higher Education Institutions, 01.01.2017 - 01.01.2018

National Completed

## PROJECTS

**Triarilmetan ve Fenoksazin Yapılı Bileşiklerin Koliesteraz Ligandı Özelliklerinin Değerlendirilmesi (Researcher)**

TÜBİTAK Project,

National Completed

**Triarilmetan boyaların at karaciğer kaynaklı glutatyon S transferaz enzimi üzerindeki inhibitör etkileri (Researcher)**

TÜBİTAK Project,

National Completed

**Triarilmetan Boya Protein İlişkileri (Researcher)**

TÜBİTAK Project,

National Completed

**D arabinitol dehidrogenazın doğal kaynaklarda taranması rekombinant enzim üretimi ve kandidiazis tanısında kullanıma uygunluğunun değerlendirilmesi (Researcher)**

BAP,

National Completed

**Biyokimya Laboratuvarı ders içeriğinin yeni H Ü Eczacılık Fakültesi Lisans Eğitim Programı na uygun olarak güncelleştirilmesi (Researcher)**

BAP,

National Completed

## THESIS SUPERVISION

## COURSES

Course Type	Course Code	Course Name
Bachelor's Degree	PHAR313	CLINICAL BIOCHEMISTRY
Bachelor's Degree	PHAR214	BIOCHEMISTRY
Bachelor's Degree	MED131	MEDICAL BIOLOGY AND GENETICS
Bachelor's Degree	CULT101.1	CULTURE AND SOCIETY
Bachelor's Degree	IHS100	INTRODUCTION TO HEALTH SCIENCES
Bachelor's Degree	PHAR483	DEVELOPMENTS IN LIFE SCIENCES
Bachelor's Degree	PHAR585	GRADUATION PROJECT I
Bachelor's Degree	PHAR502	GRADUATION PROJECT II
Bachelor's Degree	PHAR574	COMMUNITY PHARMACY PRACTICES II
Bachelor's Degree	PHAR584	COMMUNITY PHARMACY PRACTICES I

## PERSONAL INFORMATION

### CONTACT INFORMATION

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