

## Prof. Mustafa GÜL

### Personal Information

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### International Researcher IDs

ScholarID: IBhuRtwAAAAJ

ORCID: 0000-0002-0042-890X

Publons / Web Of Science ResearcherID: G-5842-2011

ScopusID: 7004623701

Yoksis Researcher ID: 36668

### Education Information

Doctorate, University of Kuopio, Medicine, Physiology, Finland 1997 - 2005

Expertise In Medicine, Ege University, Faculty Of Medicine, Fizyoloji, Turkey 1988 - 1991

Undergraduate, Ege University, Faculty Of Medicine, Turkey 1981 - 1987

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, Cytotoxic and antifungal acetophenone-derived Mannich bases: effects on redox thiols and heat shock proteins, University Of Kuopio, Medicine, Physiology, 2005

Expertise In Medicine, İnsan lenfosit asetilkolinesteraz aktivitesi ile aktif E-rozet oluşturma yüzdesi arasındaki ilişkinin araştırılması, Ege Üniversitesi, Tıp Fakültesi, Fizyoloji, 1991

### Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Human Physiology, Sport Physiology

### Academic Titles / Tasks

Professor, Ataturk University, Tıp Fakültesi, Temel Tıp Bilimleri, 2009 - Continues

Associate Professor, Ataturk University, Tıp Fakültesi, Temel Tıp Bilimleri, 2003 - 2009

Assistant Professor, Ataturk University, Tıp Fakültesi, Temel Tıp Bilimleri, 2000 - 2003

Assistant Professor, Aydın Adnan Menderes University, School Of Medicine, 1994 - 2000

Assistant Professor, Karadeniz Technical University, Tıp Fakültesi, Temel Tıp, 1994 - 1994

Expert PhD, Karadeniz Technical University, Tıp Fakültesi, Temel Tıp, 1991 - 1994

Research Assistant PhD, Ege University, Faculty Of Medicine, Temel Tıp Bilimleri Bölümü, 1988 - 1991

## Academic and Administrative Experience

Mezuniyet Sonrası Eğitim Komisyonu Üyesi, Ataturk University, Tıp Fakültesi, Temel Tıp Bilimleri, 2020 - Continues

Head of Department, Ataturk University, Tıp Fakültesi, Temel Tıp Bilimleri, 2010 - Continues

Head of Ethics Committee, Ataturk University, Tıp Fakültesi, Temel Tıp Bilimleri, 2021 - 2023

Ethics Committee Member, Ataturk University, Tıp Fakültesi, Temel Tıp Bilimleri, 2019 - 2021

Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Ataturk University, Tıp Fakültesi, Temel Tıp Bilimleri, 2018 - 2021

Deputy Head of Department, Aydın Adnan Menderes University, School Of Physical Education And Sports, 1995 - 1996

Head of Department, Aydın Adnan Menderes University, School Of Medicine, 1994 - 1996

## Courses

Egzersiz Fizyolojisi, Doctorate, 2022 - 2023

Temel Fizyopatoloji, Postgraduate, 2021 - 2022

Fizyoloji, Undergraduate, 2022 - 2023

Boşaltım Fizyolojisi, Postgraduate, 2021 - 2022

Fizyolojiye giriş, Undergraduate, 2022 - 2023

Physiology, Undergraduate, 2021 - 2022

Fizyolojik Psikoloji, Undergraduate, 2021 - 2022

Fizyoloji, Undergraduate, 2015 - 2016

## Advising Theses

Gül M., Okul öncesi kreş çocuklarında günlük aktivitelerin tükürük kortizolü ve alfa amilaz düzeyleriyle ilişkisi, Doctorate, H.CEVİZCİ(Student), 2021

Gül M., Deneysel parkinson modeli oluşturulmuş sıçanlarda Bromelain'in etkilerinin levodopa ile kıyaslanarak araştırılması, Doctorate, B.ÇİÇEK(Student), 2020

## Jury Memberships

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Samsun Üniversitesi, February, 2024

Doctoral Examination, Doctoral Examination, Süleyman Demirel Üniversitesi, January, 2024

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Bandırma Onyedli Eylül Üniversitesi, January, 2024

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Erzincan Binali Yıldırım Üniversitesi, January, 2024

Doctoral Examination, Doctoral Examination, Süleyman Demirel Üniversitesi, January, 2024

Doctorate, Doctorate, Atatürk Üniversitesi, December, 2023

Doctorate, Doctorate, Atatürk Üniversitesi, December, 2023

Doctoral Examination, Doctoral Examination, Süleyman Demirel Üniversitesi, November, 2023

Doctorate, Doctorate, Atatürk Üniversitesi, January, 2023

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Recep Tayyip Erdoğan Üniversitesi, December, 2022

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship,

Atatürk Üniversitesi, November, 2022

Doctoral Examination, Doctoral Examination, Karadeniz Teknik Üniversitesi, September, 2022

Expertise In Medicine, Expertise In Medicine, Recep Tayyip Erdoğan Üniversitesi, June, 2022

Doctorate, Doctorate, Atatürk Üniversitesi, June, 2022

Associate Professor Exam, Associate Professor Exam, Mardin Artuklu Üniversitesi, June, 2022

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Uşak Üniversitesi, April, 2022

Academic Staff Examination, Academic Staff Examination, Kafkas Üniversitesi, January, 2022

Appointment to Academic Staff-Professorship, Appointment Academic Staff, Kafkas Üniversitesi, July, 2021

Appointment to Academic Staff-Professorship, Appointment Academic Staff, İstinye Üniversitesi, July, 2021

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Yozgat Bozok Üniversitesi, May, 2021

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Erzincan Binali Yıldırım Üniversitesi, February, 2021

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Erciyes Üniversitesi, December, 2020

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Ordu Üniversitesi, November, 2020

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Atatürk Üniversitesi, July, 2020

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Pamukkale Üniversitesi, July, 2020

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Yüksek İhtisas Üniversitesi, April, 2020

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, İzmir Bakırçay Üniversitesi, January, 2020

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

- I. **Exercise and Cardiomyopathies**  
GÜL M.  
ACTA PHYSIOLOGICA, pp.15, 2023 (SCI-Expanded)
- II. **The Effect of Daily Activities on the Activity of Stress Axes in Preschool Children**  
CEVİZCİ H., Barutcu O., Cevizci N., Ozgocer T., Ucar C., YILDIZ S., GÜL M.  
ACTA PHYSIOLOGICA, pp.93, 2023 (SCI-Expanded)
- III. **Current Pharmaceutical Research on the Significant Pharmacophore Mannich bases in Drug Design**  
Yamalı C., Gül M., Gül H. I.  
CURRENT TOPICS IN MEDICINAL CHEMISTRY, vol.23, no.27, pp.2590-2608, 2023 (SCI-Expanded)
- IV. **Sorafenib Alleviates Inflammatory Signaling of Tumor Microenvironment in Precancerous Lung Injuries**  
Çiçek B., Hacımüftüoğlu A., Kuzucu M., Cetin A., Yeni Y., Genç S., Yıldırım S., Bolat İ., Kantarci M., Gül M., et al.  
PHARMACEUTICALS, vol.16, no.2, 2023 (SCI-Expanded)
- V. **Monoamine Oxidase (MAO) as a Potential Target for Anticancer Drug Design and Development.**  
Aljanabi R., Alsous L., Sabbah D. A., Gul H. İ., Gul M., Bardaweel S. K.  
Molecules (Basel, Switzerland), vol.26, no.19, 2021 (SCI-Expanded)
- VI. **New phenolic Mannich bases with piperazines and their bioactivities**  
GÜL H. İ., TUĞRAK M., GÜL M., MAZLUMOĞLU S., Sakagami H., GÜLÇİN İ., Supuran C. T.  
BIOORGANIC CHEMISTRY, vol.90, 2019 (SCI-Expanded)
- VII. **Oxidative stress before and after surgery in benign prostatic hyperplasia patients**  
Ercan M., Alp H. H., Kocaturk H., BAKAN N., GÜL M.  
ANDROLOGIA, vol.51, no.8, 2019 (SCI-Expanded)
- VIII. **Anticancer effects of new dibenzenesulfonamides by inducing apoptosis and autophagy pathways and their carbonic anhydrase inhibitory effects on hCA I, hCA II, hCA IX, hCA XII isoenzymes.**  
GUL H. İ., YAMALI C., BULBULLER M., KIRMIZIBAYRAK P., Gul M., ANGELI A., BUA S., SUPURAN C.

Bioorganic chemistry, vol.78, pp.290-297, 2018 (SCI-Expanded)

- IX. **Curcumin analogue 1,5-bis(4-hydroxy-3-((4-methylpiperazin-1-yl)methyl)phenyl)penta-1,4-dien-3-one mediates growth arrest and apoptosis by targeting the PI3K/AKT/mTOR and PKC-theta signaling pathways in human breast carcinoma cells.**  
Badr G., GUL H. İ., YAMALI C., MOHAMED A., BADR B., Gul M., Abo M., Abo E.  
Bioorganic chemistry, vol.78, pp.46-57, 2018 (SCI-Expanded)
- X. **Synthesis and Cytotoxicities of New Azafluorenones with Apoptotic Mechanism of Action and Cell Cycle Analysis**  
GÜL H. İ., TUĞRAK M., GÜL M., SAKAGAMI H., UMEMURA N., ANIL B.  
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.18, no.12, pp.1770-1778, 2018 (SCI-Expanded)
- XI. **Cytotoxicities of novel hydrazone compounds with pyrrolidinemoiety: inhibition of mitochondrial respiration may be a possible mechanism of action for the cytotoxicity of new hydrazones**  
Küçüköğlü K., Gül H. İ., Gül M., Çetin Atalay R., Geny B.  
Medicinal Chemistry Research, vol.27, pp.2116-2124, 2018 (SCI-Expanded)
- XII. **Microwave-assisted synthesis and bioevaluation of new sulfonamides.**  
GUL H. İ., YAMALI C., YESILYURT F., SAKAGAMI H., KUCUKOGLU K., GÜLÇİN İ., Gul M., SUPURAN C.  
Journal of enzyme inhibition and medicinal chemistry, vol.32, pp.369-374, 2017 (SCI-Expanded)
- XIII. **THE EFFECTS OF NARINGIN AND OZONE IN HEPATIC ISCHEMIA REPERFUSION INJURY: AN EXPERIMENTAL STUDY**  
GÜRSUL C., Peker K., Coban A., KILIÇGÜN H., SAYAR İ., AKDEMİR F. N. E., ÇANKAYA M., GÜL M.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, no.7, pp.4375-4382, 2017 (SCI-Expanded)
- XIV. **Synthesis and Cytotoxic Activities of Difluoro-Dimethoxy Chalcones.**  
YAMALI C., GUL H. İ., OZGUN D., Sakagam H., Umemura N., KAZAZ C., Gul M.  
Anti-cancer agents in medicinal chemistry, vol.17, pp.1426-1433, 2017 (SCI-Expanded)
- XV. **Protective effect of Naringin on experimental hindlimb ischemia/reperfusion injury in rats**  
GÜRSUL C., Akdemir F. N. E., Akkoyun T., Can I., GÜL M., GÜLÇİN İ.  
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.31, pp.56-61, 2016 (SCI-Expanded)
- XVI. **Bovine Liver Tissue on Glutathione Reductase Enzyme Determination of Effects of Thiamine, Tyrosine, Dopamine and Adrenaline**  
ŞENTÜRK E., Urcar H., ŞENTÜRK M., YILDIRIM S., GÜL M.  
ACTA PHYSIOLOGICA, vol.218, pp.58, 2016 (SCI-Expanded)
- XVII. **Investigation of the Effects of Some Catecholamines on the Activity of Carbonic Anhydrase Enzyme Purified from Bovine Kidney Tissue**  
Urcar H., ŞENTÜRK E., ŞENTÜRK M., GÜL M., YILDIRIM S.  
ACTA PHYSIOLOGICA, vol.218, pp.57, 2016 (SCI-Expanded)
- XVIII. **Cytotoxicity of Hydrazones of Morpholine Bearing Mannich Bases Towards Huh7 and T47D Cell Lines and Their Effects on Mitochondrial Respiration**  
KUCUKOGLU K., GÜL H. İ., GUL M., Cetin-Atalay R., Baratlı Y., Geny B.  
Letters in Drug Design & Discovery, vol.13, no.8, pp.734-741, 2016 (SCI-Expanded)
- XIX. **Hepatoprotective Effect of 17 beta-Estradiol as Antioxidant Modulators Against Stress Damage**  
Can S., Cıgsar G., Fatma Gür O., Aksak K., Sellı J., Bacak G., Gedikli S., Sahın G., Yıgıt S., Can İ., et al.  
HEPATITIS MONTHLY, vol.15, no.2, 2015 (SCI-Expanded)
- XX. **Synthesis of new N,N'-bis[1-aryl-3-(piperidine-1-yl)propylidene]hydrazine dihydrochlorides and evaluation of their cytotoxicity against human hepatoma and breast cancer cells.**  
KUCUKOGLU K., GUL H. İ., CETIN-ATALAY R., BARATLI Y., CHARLES A., SUKUROGLU M., Gul M., GENY B.  
Journal of enzyme inhibition and medicinal chemistry, vol.29, pp.420-6, 2014 (SCI-Expanded)
- XXI. **Increased Susceptibility to Apoptosis and Growth Arrest of Human Breast Cancer Cells Treated by a Snake Venom-Loaded Silica Nanoparticles**  
Badr G., Sayed D., Maximous D., Mohamed A. O., GÜL M.  
CELLULAR PHYSIOLOGY AND BIOCHEMISTRY, vol.34, no.5, pp.1640-1651, 2014 (SCI-Expanded)
- XXII. **The Design and Cytotoxic Evaluation of Some 1-Aryl-3-isopropylamino-1-propanone Hydrochlorides**

**towards Human Huh-7 Hepatoma Cells**

METE E., GÜL H. İ., Cetin-Atalay R., Das U., ŞAHİN E., GÜL M., KAZAZ C., Dimmock J. R.  
ARCHIV DER PHARMAZIE, vol.344, no.5, pp.333-339, 2011 (SCI-Expanded)

- XXIII. **Synthesis of some Mannich bases with dimethylamine and their hydrazones and evaluation of their cytotoxicity against Jurkat cells**  
Kucukoglu K., GÜL M., ATALAY M., METE E., KAZAZ C., HANNINEN O., GÜL H. İ.  
ARZNEIMITTEL-FORSCHUNG-DRUG RESEARCH, vol.61, no.6, pp.366-371, 2011 (SCI-Expanded)
- XXIV. **Biological Activity of 1-Aryl-3-phenethylamino-1-propanone Hydrochlorides and 3-Aroyl-4-aryl-1-phenethyl-4-piperidinols on PC-3 Cells and DNA Topoisomerase I Enzyme**  
METE E., GÜL H. İ., Canturk P., TOPÇU Z., Pandit B., GÜL M., Li P.  
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.65, pp.647-652, 2010 (SCI-Expanded)
- XXV. **Vitamin E and Hippophae rhamnoides L. extract reduce nicotine-induced oxidative stress in rat heart.**  
GUMUSTEKIN K., TAYSI S., ALP H., AKTAS O., OZTASAN N., AKCAY F., SULEYMAN H., AKAR S., DANE S., Gul M.  
Cell biochemistry and function, vol.28, pp.329-33, 2010 (SCI-Expanded)
- XXVI. **Hippophae rhamnoides attenuates nicotine-induced oxidative stress in rat liver.**  
TAYSI S., GUMUSTEKIN K., DEMIRCAN B., AKTAS O., OZTASAN N., AKCAY F., SULEYMAN H., AKAR S., DANE S., Gul M.  
Pharmaceutical biology, vol.48, pp.488-93, 2010 (SCI-Expanded)
- XXVII. **Evaluation of the anti-inflammatory activity of N,N'-bis(3-dimethylamino-1-phenyl-propylidene) hydrazine dihydrochloride**  
GÜL H. İ., Suleyman H., GÜL M.  
PHARMACEUTICAL BIOLOGY, vol.47, no.10, pp.968-972, 2009 (SCI-Expanded)
- XXVIII. **Iodine and magnesium levels in maternal and umbilical cord blood of preeclamptic and normal pregnant women.**  
BOREKCI B., GULABOGLU M., Gul M.  
Biological trace element research, vol.129, pp.1-8, 2009 (SCI-Expanded)
- XXIX. **Cytotoxic activity of 4'-hydroxychalcone derivatives against Jurkat cells and their effects on mammalian DNA topoisomerase I.**  
GUL H. İ., CIZMECIOGLU M., ZENCİR S., Gul M., CANTURK P., ATALAY M., TOPCU Z.  
Journal of enzyme inhibition and medicinal chemistry, vol.24, pp.804-7, 2009 (SCI-Expanded)
- XXX. **Cytotoxicity of 1-Aryl-3-butylamino-1-propanone Hydrochlorides against Jurkat and L6 Cells**  
GÜL M., METE E., ATALAY M., ARIK M., GÜL H. İ.  
ARZNEIMITTELFORSCHUNG-DRUG RESEARCH, vol.59, no.7, pp.364-369, 2009 (SCI-Expanded)
- XXXI. **Endurance training attenuates the oxidative stress due to acute exhaustive exercise in rat liver.**  
TAYSI S., OZTASAN N., EFE H., POLAT M., GUMUSTEKIN K., SIKTAR E., CANAKCI E., AKCAY F., DANE S., Gul M.  
Acta physiologica Hungarica, vol.95, pp.337-47, 2008 (SCI-Expanded)
- XXXII. **Synthesis and cytotoxicity of novel 3-aryl-1-(3'-dibenzylaminomethyl-4'-hydroxyphenyl)-propenones and related compounds.**  
GUL H. İ., YERDELEN K. Ö., DAS U., Gul M., PANDIT B., LI P., DIMMOCK J.  
Chemical & pharmaceutical bulletin, vol.56, pp.1675-81, 2008 (SCI-Expanded)
- XXXIII. **Effects of nicotine and vitamin E on 6-phosphogluconate dehydrogenase activity in some rat tissues in vivo and in vitro.**  
CIFTCI M., YILMAZ H., COBAN T., Gul M., GUMUSTEKIN K., DANE S.  
Journal of enzyme inhibition and medicinal chemistry, vol.23, pp.261-5, 2008 (SCI-Expanded)
- XXXIV. **Effect of some bis Mannich bases and corresponding piperidinols on DNA topoisomerase I.**  
CANTURK P., KUCUKOGLU K., TOPCU Z., Gul M., GUL H. İ.  
Arzneimittel-Forschung, vol.58, pp.686-91, 2008 (SCI-Expanded)
- XXXV. **Synthesis of 4'-hydroxy-3'-piperidinomethylchalcone derivatives and their cytotoxicity against PC-3 cell lines**  
Gul H. İ., YERDELEN K. O., Gul M., DAS U., PANDIT B., LI P., Secen H., SAHIN F.

- ARCHIV DER PHARMAZIE, vol.340, no.4, pp.195-201, 2007 (SCI-Expanded)
- XXXVI. **Effects of nicotine and vitamin E on glutathione reductase activity in some rat tissues in vivo and in vitro**  
ERAT M., CIFTCI M., GUMUSTEKIN K., Gul M.  
EUROPEAN JOURNAL OF PHARMACOLOGY, vol.554, pp.92-97, 2007 (SCI-Expanded)
- XXXVII. **Effects of endurance training on gonadal fat pad and ventricular mass in rat**  
Oztasan N., Timur H., Siktar E., Gumustekin K., Akar S., Dane S., Gül M.  
BIOLOGY OF SPORT, no.3, pp.265-273, 2007 (SCI-Expanded)
- XXXVIII. **Anti-inflammatory activity of bis(3-aryl-3-oxo-propyl)methylamine hydrochloride in rat.**  
SULEYMAN H., GUL H. İ., Gul M., ALKAN M., GOCER F.  
Biological & pharmaceutical bulletin, vol.30, pp.63-7, 2007 (SCI-Expanded)
- XXXIX. **Blood and urine iodine levels in patients with gastric cancer.**  
GULABOĞLU M., YILDIZ L., Gul M., CELEBI F., PEKER K.  
Biological trace element research, vol.113, pp.261-71, 2006 (SCI-Expanded)
- XL. **The effects of risperidone, olanzapine and haloperidol on enzyme activities in kidney tissue of rats.**  
GÜLABOĞLU M., HALICI Z., AYDIN N., ÇADIRCI E., GÜL M., SÜLEYMAN H.  
EUROPEAN NEUROPSYCHOPHARMACOLOGY, vol.16, no.4, pp.247-248, 2006 (SCI-Expanded)
- XLI. **The effects of risperidone, olanzapine and haloperidol on enzyme activities erythrocytes and plasma of rats.**  
HALICI Z., GÜR F., AYDIN N., GÜLABOĞLU M., GÜL M., SÜLEYMAN H.  
EUROPEAN NEUROPSYCHOPHARMACOLOGY, vol.16, no.4, pp.246-247, 2006 (SCI-Expanded)
- XLII. **Effects of endurance training and acute exhaustive exercise on antioxidant defense mechanisms in rat heart.**  
Gul M., DEMIRCAN B., TAYSI S., OZTASAN N., GUMUSTEKIN K., SIKTAR E., POLAT M., AKAR S., AKCAY F., DANE S.  
Comparative biochemistry and physiology. Part A, Molecular & integrative physiology, vol.143, pp.239-45, 2006 (SCI-Expanded)
- XLIII. **Effects of nicotine and vitamin E on glucose 6-phosphate dehydrogenase activity in some rat tissues *in vivo* and *in vitro***  
Gumustekin K., Ciftci M., Coban A., Altikat S., Aktas O., Gul M., Timur H., Dane S.  
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, no.5, pp.497-502, 2005 (SCI-Expanded)
- XLIV. **The effects of some Mannich bases on heat shock proteins HSC70 and GRP75, and thioredoxin and glutaredoxin levels in Jurkat cells.**  
Gul M., ATALAY M., GUL H. İ., NAKAO C., LAPPALAINEN J., HÄNNINEN O.  
Toxicology in vitro : an international journal published in association with BIBRA, vol.19, pp.573-80, 2005 (SCI-Expanded)
- XLV. **Evaluation of antimicrobial activities of several mannich bases and their derivatives.**  
GUL H. İ., SAHIN F., Gul M., OZTURK S., YERDELEN K. Ö.  
Archiv der Pharmazie, vol.338, pp.335-8, 2005 (SCI-Expanded)
- XLVI. **Effects of nicotine and vitamin E on carbonic anhydrase activity in some rat tissues in vivo and in vitro.**  
CIFTCI M., BÜLBÜL M., Gül M., GUMUSTEKIN K., DANE S., SULEYMAN H.  
Journal of enzyme inhibition and medicinal chemistry, vol.20, pp.103-8, 2005 (SCI-Expanded)
- XLVII. **Estrogen supplementation failed to attenuate biochemical indices of neutrophil infiltration or damage in rat skeletal muscles following ischemia.**  
TIIDUS P., DELLER M., BOMBARDIER E., Gül M., LIU X.  
Biological research, vol.38, pp.213-23, 2005 (SCI-Expanded)
- XLVIII. **Biological evaluation and structure-activity relationships of bis-(3-aryl-3-oxo-propyl)-methylamine hydrochlorides and 4-aryl-3-arylcarbonyl-1-methyl-4-piperidinol hydrochlorides as potential cytotoxic agents and their alkylating ability towards cellular glutathione in human leukemic T cells.**  
Gul M., GUL H. İ., DAS U., HANNINEN O.  
Arzneimittel-Forschung, vol.55, pp.332-7, 2005 (SCI-Expanded)

- XLIX. Effects of some antibiotics on activity of glucose-6-phosphate dehydrogenase from human erythrocytes in vitro and effect of isepamicin sulfate on activities of antioxidant enzymes in rat erythrocytes**  
 Ozmen I., Kufrevioglu Ö. İ., Gul M.  
 DRUG AND CHEMICAL TOXICOLOGY, vol.28, no.4, pp.433-445, 2005 (SCI-Expanded)
- L. Comparison of iodine contents in gastric cancer and surrounding normal tissues.**  
 GULABOGLU M., YILDIZ L., CELEBI F., Gul M., PEKER K.  
 Clinical chemistry and laboratory medicine, vol.43, pp.581-4, 2005 (SCI-Expanded)
- LI. Hippophae rhamnoides L.: chromatographic methods to determine chemical composition, use in traditional medicine and pharmacological effects.**  
 GULIYEV V., Gul M., YILDIRIM A.  
 Journal of chromatography. B, Analytical technologies in the biomedical and life sciences, vol.812, pp.291-307, 2004 (SCI-Expanded)
- LII. Endurance training attenuates exercise-induced oxidative stress in erythrocytes in rat**  
 Oztasan N., Taysı S., Gumustekın K., Altınkaynak K., Aktas O., Timur H., Sıktar E., Keles S., Akar S., Akcay F., et al.  
 EUROPEAN JOURNAL OF APPLIED PHYSIOLOGY, no.5-6, pp.622-627, 2004 (SCI-Expanded)
- LIII. Vitamin E but not *Hippophae rhamnoides L.* prevented nicotine-induced oxidative stress in rat brain**  
 Gumustekın K., Altınkaynak K., Timur H., Taysı S., Oztasan N., Polat M., Akcay F., Suleyman H., Dane S., Gul M.  
 HUMAN & EXPERIMENTAL TOXICOLOGY, no.8, pp.425-431, 2003 (SCI-Expanded)
- LIV. Endurance training and glutathione-dependent antioxidant defense mechanism in heart of the diabetic rats.**  
 Gül M., ATALAY M., HÄNNINEN O.  
 Journal of sports science & medicine, vol.2, pp.52-61, 2003 (SCI-Expanded)
- LV. Cytotoxicity of some azines of acetophenone derived mono-Mannich bases against Jurkat cells.**  
 GUL H. İ., Gul M., VEPSÄLAINEN J., ERCIYAS E., HÄNNINEN O.  
 Biological & pharmaceutical bulletin, vol.26, pp.631-7, 2003 (SCI-Expanded)
- LVI. Toxicity of some bis Mannich bases and corresponding piperidinols in the brine shrimp (*Artemia salina*) bioassay.**  
 GUL H. İ., Gul M., ERCIYAS E.  
 Journal of applied toxicology : JAT, vol.23, pp.53-7, 2003 (SCI-Expanded)
- LVII. Oxidant/antioxidant status in blood of patients with malignant breast tumour and benign breast disease.**  
 POLAT M., TAYSI S., Gul M., CIKMAN O., YILMAZ I., BAKAN E., ERDOGAN F.  
 Cell biochemistry and function, vol.20, pp.327-31, 2002 (SCI-Expanded)
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GÜL M., BAKAN N., Project Supported by Higher Education Institutions, BENİGN PROSTAT HİPERTROFİLİ HASTALARDA AMELİYAT ÖNCESİ VE SONRASI OKSİDATİF STRES DEĞERLENDİRMESİ, 2011 - 2012

## Activities in Scientific Journals

Recent Trends in Pharmacology, Advisory Committee Member, 2023 - Continues

FRONTIERS IN PHYSIOLOGY, Editor, 2022 - Continues

Journal of Research in Clinical Medicine, Committee Member, 2021 - Continues

Eurasian Journal of Medicine, Advisory Committee Member, 2020 - Continues

TURKISH JOURNAL OF MEDICAL SCIENCES, Assistant Editor/Section Editor, 2022 - 2022

## Memberships / Tasks in Scientific Organizations

Türk Tabipleri Birliği, Member, 1993 - Continues, Turkey

Türk Fizyolojik Bilimler Derneği, Member, 1989 - Continues, Turkey

## Scientific Refereeing

Project Supported by Higher Education Institutions, BAP Research Project, Kütahya Health Sciences University, Turkey, March 2024

Pamukkale Tıp Dergisi, National Scientific Refreed Journal, February 2024

Türkiye Klinikleri Tıp Bilimleri Dergisi, SCI Journal, February 2024

TOXICON, SCI Journal, February 2024

Sağlık Bilimleri Dergisi, National Scientific Refreed Journal, December 2023

JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, SCI Journal, December 2023

TURKISH JOURNAL OF BIOLOGY, SCI Journal, December 2023

FRONTIERS IN PHARMACOLOGY, SCI Journal, November 2023

EURASIAN JOURNAL OF MEDICINE, Journal Indexed in ESCI, October 2023

EXPERIMENTAL PHYSIOLOGY, SCI Journal, October 2023

TURKISH JOURNAL OF MEDICAL SCIENCES, SCI Journal, September 2023

JOURNAL OF SPORTS SCIENCES, SCI Journal, September 2023

Turkish Society of Physiological Sciences, 48th Turkish Physiology Congress, Conference Paper (Abstract), August 2023

Turkish Society of Physiological Sciences, 48th Turkish Physiology Congress, Conference Paper (Abstract), August 2023  
Turkish Society of Physiological Sciences, 48th Turkish Physiology Congress, Conference Paper (Abstract), August 2023  
CUKUROVA MEDICAL JOURNAL, Journal Indexed in ESCI, August 2023  
Turkish Society of Physiological Sciences, 48th Turkish Physiology Congress, Conference Paper (Abstract), August 2023  
TURKISH JOURNAL OF MEDICAL SCIENCES, SCI Journal, July 2023  
FRONTIERS IN ENDOCRINOLOGY, SCI Journal, June 2023  
TURKISH JOURNAL OF GASTROENTEROLOGY, SCI Journal, May 2023  
BIOMED RESEARCH INTERNATIONAL, SCI Journal, April 2023  
Annals of Medical Research , National Scientific Refreed Journal, April 2023  
Archives of Basic and Clinical Research, National Scientific Refreed Journal, March 2023  
EPILEPSY RESEARCH, SCI Journal, February 2023  
Annals of Medical Research, National Scientific Refreed Journal, February 2023  
Middle Black Sea Journal of Health Science, National Scientific Refreed Journal, December 2022  
Middle Black Sea Journal Of Health Science, National Scientific Refreed Journal, December 2022  
Türk Fizyolojik Bilimler Derneği 47. Ulusal Fizyoloji Kongresi , Conference Paper (Abstract), November 2022  
TURKISH JOURNAL OF GASTROENTEROLOGY, SCI Journal, November 2022  
Project Supported by Higher Education Institutions, BAP Research Project, Erzincan Binali Yildirim University, Turkey, November 2022  
ANDROLOGIA, SCI Journal, October 2022  
BIOMED RESEARCH INTERNATIONAL, SCI Journal, August 2022  
CURRENT PHARMACEUTICAL DESIGN, SCI Journal, August 2022  
CLINICAL AND EXPERIMENTAL HEALTH SCIENCES, Journal Indexed in ESCI, July 2022  
ANDROLOGIA, SCI Journal, July 2022  
Journal of Biomedical Research, SCI Journal, July 2022  
Project Supported by Higher Education Institutions, BAP Research Project, Hitit University, Turkey, July 2022  
Project Supported by Higher Education Institutions, BAP Research Project, Hitit University, Turkey, July 2022  
Project Supported by Higher Education Institutions, BAP Research Project, Hitit University, Turkey, July 2022  
Europhysiology 2022, Conference Paper (Abstract), June 2022  
FRONTIERS IN ONCOLOGY, SCI Journal, June 2022  
ISEIC 2022, Conference Paper (Full Text), June 2022  
Veterinary Sciences and Practices, Other Indexed Journal, May 2022  
FRONTIERS IN PHYSIOLOGY, SCI Journal, May 2022  
TUBITAK Project, 1002 - Quick Support Program, Karadeniz Technical University, Turkey, May 2022  
FRONTIERS IN PHYSIOLOGY, SCI Journal, April 2022  
TURKISH JOURNAL OF GASTROENTEROLOGY, SCI Journal, April 2022  
Project Supported by Higher Education Institutions, BAP Research Project, Erciyes University, Turkey, March 2022  
Project Supported by Higher Education Institutions, BAP Research Project, Erciyes University, Turkey, March 2022  
Project Supported by Higher Education Institutions, BAP Research Project, Erciyes University, Turkey, March 2022  
ANDROLOGIA, SCI Journal, February 2022  
TURKISH JOURNAL OF GASTROENTEROLOGY, SCI Journal, January 2022  
FRONTIERS IN ONCOLOGY, SCI Journal, December 2021  
LETTERS IN DRUG DESIGN & DISCOVERY, SCI Journal, December 2021  
BIOLOGICAL TRACE ELEMENT RESEARCH, SCI Journal, November 2021  
TURKISH JOURNAL OF GASTROENTEROLOGY, SCI Journal, October 2021  
Türk Fizyolojik Bilimler Derneği 46. Ulusal Fizyoloji Kongresi , Conference Paper (Abstract), October 2021  
BIOLOGICAL TRACE ELEMENT RESEARCH, SCI Journal, October 2021  
ANDROLOGIA, SCI Journal, August 2021  
BIOMED RESEARCH INTERNATIONAL, SCI Journal, July 2021  
ISE International Conference Proceedings, Conference Paper (Full Text), July 2021  
LIFE SCIENCES, SCI Journal, July 2021  
EUROPEAN JOURNAL OF PHARMACOLOGY, SCI Journal, July 2021

BIOMED RESEARCH INTERNATIONAL, SCI Journal, July 2021  
TURKISH JOURNAL OF GASTROENTEROLOGY, SCI Journal, June 2021  
Natural products journal, Other Indexed Journal, June 2021  
MEANDROS MEDICAL AND DENTAL JOURNAL, Journal Indexed in SCI-E, June 2021  
Project Supported by Higher Education Institutions, BAP Research Project, Selcuk University, Turkey, June 2021  
Project Supported by Higher Education Institutions, BAP Research Project, Hitit University, Turkey, June 2021  
TURKISH JOURNAL OF GASTROENTEROLOGY, SCI Journal, May 2021  
BIOMED RESEARCH INTERNATIONAL, SCI Journal, May 2021  
Turk Hijyen ve Deneysel Biyoloji Dergisi , Other Indexed Journal, April 2021  
Annals of Medical Research, Other Indexed Journal, March 2021  
Turk Hijyen ve Deneysel Biyoloji Dergisi , Other Indexed Journal, January 2021  
BIOLOGICAL TRACE ELEMENT RESEARCH, SCI Journal, January 2021  
SAUDI JOURNAL OF BIOLOGICAL SCIENCES, SCI Journal, December 2020  
MEANDROS MEDICAL AND DENTAL JOURNAL, Journal Indexed in SCI-E, October 2020  
MEANDROS MEDICAL AND DENTAL JOURNAL, Journal Indexed in SCI-E, October 2020  
BMC ENDOCRINE DISORDERS, SCI Journal, October 2020  
SAUDI JOURNAL OF BIOLOGICAL SCIENCES, SCI Journal, October 2020  
BIOMED RESEARCH INTERNATIONAL, SCI Journal, October 2020  
PHYTOTHERAPY RESEARCH, SCI Journal, August 2020  
INTERNATIONAL JOURNAL OF LOWER EXTREMITY WOUNDS, SCI Journal, August 2020  
Türkiye Klinikleri Tıp Bilimleri, Other Indexed Journal, July 2020  
BALKAN MEDICAL JOURNAL, SCI Journal, July 2020  
Asian Journal of Research in Biochemistry, Other journals, May 2020  
BIOLOGICAL TRACE ELEMENT RESEARCH, SCI Journal, May 2020  
ANDROLOGIA, SCI Journal, April 2020  
JOURNAL OF HETEROCYCLIC CHEMISTRY, SCI Journal, March 2020  
TOXICOLOGY MECHANISMS AND METHODS, SCI Journal, March 2020  
Phytotherapy Research, SCI Journal, March 2020  
BALKAN MEDICAL JOURNAL, SCI Journal, March 2020  
PHYSIOLOGICAL RESEARCH, SCI Journal, February 2020

## Metrics

Publication: 145

Citation (WoS): 2129

Citation (Scopus): 2618

H-Index (WoS): 28

H-Index (Scopus): 30

## Congress and Symposium Activities

1. Egzersiz Fizyolojisi Sempozyumu, Invited Speaker, Konya, Turkey, 2007

## Scholarships

Doktora sonrası araştırma bursu, Other International Organizations, 1996 - 2017

ERASMUS Öğretim üyesi hareketliliği, European Commission, 2009 - 2009

NATO-B2 doktora sonrası araştırma bursu, NATO, 2002 - 2002

Doktora sonrası arařtırma, TUBITAK, 1996 - 1996

## **Non Academic Experience**

Other Public Institution, Kars İli Hanak İlçesi Saęlık Ocaęı  
Saęlık Bakanlıęı