

Prof. Mustafa GÜL

Personal Information

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International Researcher IDs

ScholarID: lBhuRtwAAAAJ

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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, Aydin Adnan Menderes University, School Of Physical Education And Sports, 1995 - 1996

Head of Department, Aydin 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

Gül M., Deneysel hipertiroidi oluşturulan ratlarda melatonin uygulamasının torasik aortun vasomotor aktiviteleri üzerine etkilerinin incelenmesi, Doctorate, H.ÜSTÜNDAĞ(Student), 2018

GÜL M., Ağrı yöresindeki kadınlarda hamileliğe bağlı olarak kan parametrelerindeki değişikliklerin izlenmesi, Postgraduate, H.Bakıcı(Student), 2015

GÜL M., Sıçanlarda deneysel olarak oluşturulan alt ekstremitte iskemi-reperfüzyon hasarına karşı Naringin ve Silymarin'in koruyucu etkilerinin araştırılması, Doctorate, F.Nur(Student), 2013

GÜL M., Tiroid disfonksiyonunda serum NO, ADMA ve apelin düzeylerinin araştırılması, Doctorate, A.Şahin(Student), 2013

GÜL M., Benign prostat hiperplazili hastalarda ameliyat öncesi ve sonrası oksidatif stress değerlendirilmesi, Postgraduate, M.Ercan(Student), 2013

GÜL M., Sıçanlarda deneysel olarak oluşturulan alt ekstremitte iskemi-reperfüzyon hasarında leflunomidin koruyucu etkinliği, Doctorate, C.Gürsul(Student), 2012

GÜL M., Östrojenin egzersize bağlı kas hasarına karşı koruyucu olup olmadığının araştırılması, Doctorate, S.Can(Student), 2010

GÜL M., Esneklik geliştirici antrenman programının sedanter öğrencilerde esneklik ve deri kıvrımları üzerine etkisi, Postgraduate, E.Şıktar(Student), 2002

Jury Memberships

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

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

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

Doctoral Examination, Doctoral Examination, Süleyman Demirel 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, İstinye Üniversitesi, July, 2021

Appointment to Academic Staff-Professorship, Appointment Academic Staff, Kafkas 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.

- IV. **Sorafenib Alleviates Inflammatory Signaling of Tumor Microenvironment in Precancerous Lung Injuries**
Çiçek B., Hacmüftüoğlu 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**
Küçükoğlu 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., Sakagami 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., Cıgşar G., Fatma Gür O., Aksak K., Selli J., Bacak G., Gedikli S., Sahin G., Yigit 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.**
TAYSİ S., OZTASAN N., EFE H., POLAT M., GUMUSTEKİN 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.**
CİFTÇİ M., YILMAZ H., COBAN T., Gul M., GUMUSTEKİN 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., SAHİN 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., CİFTÇİ M., GUMUSTEKİN 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., DEMİRCAN B., TAYSİ S., OZTASAN N., GUMUSTEKİN 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., Gumustekin K., Altınkaynak K., Aktas O., Timur H., Siktar 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**
Gumustekin 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)
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GÜL M., ÇİÇEK B., DÖRTBUDAK M. B., YILDIRIM S., FERAH OKKAY I., KUZUCU M., GÜNAY N., Project Supported by Higher Education Institutions, Hepatoselüler Karsinom Modellenmiş Ratlarda Sorafenibin Deinoksantin İle Sinerjik Etkisinin İncelenmesi, 2019 - 2023

TUĞRAK M., GÜL H. İ., GÜL M., Project Supported by Higher Education Institutions, Tiyazolidinon farmakoforu içeren yeni antidiyabetik ilaç adayı bileşiklerin sentez ve biyoaktivite çalışması, 2021 - 2021

GÜL M., ÇİÇEK B., Project Supported by Higher Education Institutions, Deneysel Parkinson Modeli Oluşturulmuş Sıçanlarda Bromelain'in Etkilerinin Levodopa ile Kıyaslanarak Araştırılması, 2019 - 2021

GÜL M., URÇAR H., Project Supported by Higher Education Institutions, Deneysel Hipertiroidi Oluşturulan Ratlarda Melatonin Uygulamasının Torasik Aortun Vasomotor Aktiviteleri Üzerine Etkilerinin İncelenmesi, 2017 - 2020

GÜL M., TUĞRAK M., Project Supported by Higher Education Institutions, "2-(4-HİDROKSİ-3-METOKSİBENZİLİDEN)-İNDAN-1-ON'UN 4-SÜBSTİTÜEPİPERAZİNLİ MANNİCH BAZLARININ SENTEZİ VE KARBONİK ANHİDRAZ (CA) İZOENZİMLERİ ÜZERİNDE İNHİBE EDİCİ ETKİSİNİN ARAŞTIRILMASI", 2016 - 2016

GÜL M., Project Supported by Higher Education Institutions, SIÇANLARDA DENEYSEL OLUŞTURULAN ALT EKSTREMİTE İSKEMİ REPERFÜZYON HASARINDA KAFEİK ASİT FENETİL ESTERİN KORUYUCU ETKİNLİĞİ, 2011 - 2012

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
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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
ANDROLOGIA, SCI Journal, July 2022

CLINICAL AND EXPERIMENTAL HEALTH SCIENCES, Journal Indexed in ESCI, 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
FRONTIERS IN ONCOLOGY, SCI Journal, June 2022
Europhysiology 2022, Conference Paper (Abstract), 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
EUROPEAN JOURNAL OF PHARMACOLOGY, SCI Journal, July 2021
BIOMED RESEARCH INTERNATIONAL, SCI Journal, July 2021
ISE International Conference Proceedings, Conference Paper (Full Text), July 2021
LIFE SCIENCES, 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
BALKAN MEDICAL JOURNAL, SCI Journal, July 2020
Türkiye Klinikleri Tıp Bilimleri, Other Indexed Journal, July 2020

BIOLOGICAL TRACE ELEMENT RESEARCH, SCI Journal, May 2020
Asian Journal of Research in Biochemistry, Other journals, May 2020
ANDROLOGIA, SCI Journal, April 2020
TOXICOLOGY MECHANISMS AND METHODS, SCI Journal, March 2020
JOURNAL OF HETEROCYCLIC CHEMISTRY, 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): 2130
Citation (Scopus): 2619
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 araştırma, TUBITAK, 1996 - 1996

Non Academic Experience

Other Public Institution, Kars İli Hanak İlçesi Sağlık Ocağı
Sağlık Bakanlığı