

Prof. BELMA GÜMÜŞEL

Personal Information

Office Phone: [+90 312 280 0808](tel:+903122800808)

Email: bgiray@hacettepe.edu.tr

Web: [https://www.belmagumusel.com](http://www.belmagumusel.com)

Address: Lokman Hekim Üniversitesi Eczacılık Fakültesi 2179.Sok. No: 6 Söğütözü ANKARA

Education Information

Doctorate, Hacettepe University, Sağlık Bilimleri Enstitüsü, F. Toksikoloji , Turkey 1993 - 1999

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Health Sciences, Pharmacology and Therapeutics, Professional Sciences, Pharmaceutical Toxicology

Academic Titles / Tasks

Professor, Hacettepe University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2010 - 2018

Associate Professor, Hacettepe University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2004 - 2010

Lecturer PhD, Hacettepe University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2000 - 2004

Research Assistant, Hacettepe University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 1990 - 2000

Academic and Administrative Experience

Lokman Hekim Üniversitesi, Eczacılık Fakültesi, 2018 - Continues

Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2013 - 2018

Hacettepe Üniversitesi, Eczacılık Fakültesi, 2006 - 2010

Advising Theses

GÜMÜŞEL B., Endokrin Bozucu Kimyasal maddelere Kombine Maruziyetin Etkilerinin HepG2 Hücre Hattında Değerlendirilmesi, Doctorate, G.Özkemahlı(Student), 2018

GÜMÜŞEL B., Prenatal Bisfenol A ve/veya Di-2-Etil Hekzil Ftalat Maruziyetinin Erkek Üreme Sistemi Üzerine Etkilerinin İncelenmesi, Doctorate, A.Balcı(Student), 2018

GÜMÜŞEL B., Ankara İlinde Reçetelenen İlaçlara Bağlı İstenmeyen Etkilerin İzlenmesi Ve Farmakovijilans Konusunda Farkındalıkın Artırılması, Postgraduate, N.Nemutlu(Student), 2017

GÜMÜŞEL B., Altın nanopartiküllerde polimer kaplamanın oksidatif stres ve DNA hasarı üzerine etkileri, Postgraduate,

G.TİLBE(Student), 2017

GÜMÜŞEL B., Plastik İşçilerinde Ftalat Maruziyeti ile Oksidan/Antioksidan Statü Değişiklikleri ve Üreme Sistemi Toksisitesi Arasındaki İlişkinin İncelemesi, Doctorate, G.Gürdemir(Student), 2016

GÜMÜŞEL B., Biyobenzerlerin Güvenlilik Değerlendirmesi, Postgraduate, H.Rahmanlar(Student), 2016

GÜMÜŞEL B., Hashimoto Tiroiditinde Selenyum Ve Selenoprotein Düzeyleri İle Oksidatif Stres Biyo göstergelerinin Değerlendirilmesi, Postgraduate, Ü.Sur(Student), 2015

GÜMÜŞEL B., Obez Çocuklarda Tiroid İşlev Bozuklukları ve Oksidan/Antioksidan Statü Arasındaki İlişkinin Metabolik Risk Etmenleri ile Birlikte Değerlendirilmesi, Doctorate, A.Aşçı(Student), 2013

GÜMÜŞEL B., Epitelial Over Kanserinde Oksidan/Antioksidan Statü Değişikliklerinin Prognostik Etmenler ile Birlikte Değerlendirilmesi, Doctorate, A.Çağlayan(Student), 2012

GÜMÜŞEL B., Ruhsat Başvuru Dosyalarında Sunulan Tek Doz ve Tekrarlanan Doz Toksisite Testleri için EMA, FDA ve OECD Yaklaşımlarının Değerlendirilmesi, Postgraduate, A.Karacan(Student), 2010

GÜMÜŞEL B., Selenyum Eksikliği Olan ve Selenyum Suplementasyonu Yapılan Sıçanlarda Di-2-(Etilhekzil)Ftalat'ın (DEHP) Reprodüktif Toksisitesinin Değerlendirilmesi, Doctorate, P.Erkekoğlu(Student), 2009

GÜMÜŞEL B., Fenvalerat'ın Sıçanda Ksenobiyotik Metabolize Edici Enzimlerin Aktivitesi Üzerindeki Etkileri-Selenyum ve/veya İyot Eksikliğinin Etkisi, Postgraduate, A.Çağlayan(Student), 2005

Published journal articles indexed by SCI, SSCI, and AHCI

I. Effects of prenatal and lactational bisphenol a and/or di(2-ethylhexyl) phthalate exposure on male reproductive system

BALCI A., Ozkemahli G., Erkekoglu P., Zeybek D., YERSAL N., Kocer-Gumusel B.

INTERNATIONAL JOURNAL OF ENVIRONMENTAL HEALTH RESEARCH, vol.32, no.4, pp.902-915, 2022 (SCI-Expanded)

II. Auto-augmentation: A feasible option before ileal augmentation in selected cases

Altan M., Bozaci A. C., Asci A., Dogan H. S., Tekgul S.

EUROPEAN UROLOGY, vol.79, 2021 (SCI-Expanded)

III. Neuroendocrine disruption by bisphenol A and/or di(2-ethylhexyl) phthalate after prenatal, early postnatal and lactational exposure

Yirun A., Ozkemahli G., Balci A., Erkekoglu P., Zeybek N. D., Yersal N., Kocer-Gumusel B.

ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.28, no.21, pp.26961-26974, 2021 (SCI-Expanded)

IV. The association between urinary BPA levels and medical equipment among pediatric intensive care patients

Ayar G., YALÇIN S. S., Emeksiz S., Yirun A., Balci A., Kocer-Gumusel B., Erkekoglu P.

ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY, vol.83, 2021 (SCI-Expanded)

V. The Effects of Polymer Coating of Gold Nanoparticles on Oxidative Stress and DNA Damage

Sen G. T., Ozkemahli G., Shahbazi R., Erkekoglu P., ULUBAYRAM K., Kocer-Gumusel B.

INTERNATIONAL JOURNAL OF TOXICOLOGY, vol.39, no.4, pp.328-340, 2020 (SCI-Expanded)

VI. PORNOGRAPHY IN THE ERA OF VIRTUAL REALITY

Asci A., Baltaci K. E., Altan M., Gudeloglu A.

JOURNAL OF SEXUAL MEDICINE, vol.17, no.6, 2020 (SCI-Expanded)

VII. A VIDEO TECHNIQUE OF URETHROPLASTY WITHOUT COMPROMISING PENILE PROSTHESIS

Asci A., Gudeloglu A., Altan M., Ergen A.

JOURNAL OF SEXUAL MEDICINE, vol.17, no.6, 2020 (SCI-Expanded)

VIII. Oxidative stress markers, trace elements, and endocrine disrupting chemicals in children with Hashimoto's thyroiditis

SUR Ü., Erkekoglu P., Bulus A. D., Andiran N., Kocer-Gumusel B.

TOXICOLOGY MECHANISMS AND METHODS, vol.29, no.9, pp.633-643, 2019 (SCI-Expanded)

IX. The effects of amniotic fluid and foetal cord blood cotinine concentrations on pregnancy complications and the anthropometric measurements of newborns

- Terzioglu F., BOZTEPE H., Erkekoglu P., Korucu A. E., Kocer-Gumusel B., Kandemir O.
JOURNAL OF OBSTETRICS AND GYNAECOLOGY, vol.39, no.7, pp.952-958, 2019 (SCI-Expanded)
- X. **INTRA-OPERATIVE AUDIBLE MICRO-DOPPLER ULTRASOUND FOR MICROSURGICAL VARICOCELECTOMY**
Asci A., Cihan A., Sahin B., Deliktas H., Cinar O., Ongun S., Turunc T., Gul U., Kizilkan Y., Gudeloglu A.
JOURNAL OF SEXUAL MEDICINE, vol.16, no.5, 2019 (SCI-Expanded)
- XI. **Antioxidants and selenocompounds inhibit 3,5-dimethylaminophenol toxicity to human urothelial cells**
Erkekoglu P., Chao M., Tseng C., Engelward B. P., Kose O., Kocer-Gumusel B., Wogan G. N., Tannenbaum S. R.
ARHIV ZA HIGIJENU RADA I TOKSIKOLOGIJA-ARCHIVES OF INDUSTRIAL HYGIENE AND TOXICOLOGY, vol.70, no.1, pp.18-29, 2019 (SCI-Expanded)
- XII. **Assessment of oxidant-antioxidant status alterations with tumor biomarkers and reproductive system hormones in uterine MYOMAS.**
Caglayan A., Katlan D. C., Tuncer Z. S., Yüce K., Sayal H., Kocer-Gumusel B.
European journal of obstetrics, gynecology, and reproductive biology, vol.229, pp.1-7, 2018 (SCI-Expanded)
- XIII. **Urinary bisphenol-A levels in children with type 1 diabetes mellitus**
İNCE T., BALCI A., YALÇIN S. S., ÖZKEMAHİL G., ERKEKOGLU P., Kocer-Gumusel B., YURDAKÖK K.
JOURNAL OF PEDIATRIC ENDOCRINOLOGY & METABOLISM, vol.31, no.8, pp.829-836, 2018 (SCI-Expanded)
- XIV. **Urinary phthalate metabolite concentrations in girls with premature thelarche**
DURMAZ E., ERKEKOGLU P., AŞCI A., AKÇURIN S., BIRCAN I., Kocer-Gumusel B.
ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY, vol.59, pp.172-181, 2018 (SCI-Expanded)
- XV. **Toxicity assessment of nanopharmaceuticals**
Erkekoglu P., Kocer-Gumusel B.
INORGANIC FRAMEWORKS AS SMART NANOMEDICINES, pp.565-603, 2018 (SCI-Expanded)
- XVI. **Impact of selenium status on Aroclor 1254-induced DNA damage in sperm and different tissues of rats**
AYDIN S., ERKEKOGLU P., BAŞARAN N., Kocer-Gumusel B.
TOXICOLOGY MECHANISMS AND METHODS, vol.28, no.4, pp.252-261, 2018 (SCI-Expanded)
- XVII. **Low zinc levels may contribute to gynecomastia in puberty**
ERKEKOGLU P., DURMAZ E., KIZILGÜN M., ÖZMERT E. N., DERMEN O., YURDAKÖK K., Kocer-Gumusel B.
Journal of Trace Elements in Medicine and Biology, vol.44, pp.274-278, 2017 (SCI-Expanded)
- XVIII. **Lycopene restores trace element levels in ochratoxin A-treated rats**
PALABIYIK S., ERKEKOGLU P., KIZILGÜN M., ŞAHİN G., Kocer-Gumusel B.
ARHIV ZA HIGIJENU RADA I TOKSIKOLOGIJA-ARCHIVES OF INDUSTRIAL HYGIENE AND TOXICOLOGY, vol.68, no.2, pp.135-141, 2017 (SCI-Expanded)
- XIX. **Hepatocellular carcinoma and possible chemical and biological causes: A review**
ERKEKOGLU P., ORAL D., CHAO M., Kocer-Gumusel B.
Journal of Environmental Pathology, Toxicology and Oncology, vol.36, no.2, pp.171-190, 2017 (SCI-Expanded)
- XX. **DNA double-strand breaks caused by different microorganisms: A special focus on helicobacter pylori**
ERKEKOGLU P., ORAL D., Kocer-Gumusel B., CHAO M.
Journal of Environmental Pathology, Toxicology and Oncology, vol.36, no.2, pp.131-150, 2017 (SCI-Expanded)
- XXI. **The effects of fenvalerate on hepatic and cerebral xenobiotic metabolizing enzymes in selenium and/or iodine deficient rats**
ÇAĞLAYAN A., Kocer-Gumusel B., Erkekoglu P., HINCAL F.
Iranian Journal of Basic Medical Sciences, vol.19, no.10, pp.1040-1048, 2016 (SCI-Expanded)
- XXII. **The ameliorating effects of vitamin E on hepatic antioxidant system and xenobiotic-metabolizing enzymes in fenvalerate-exposed iodine-deficient rats**
Kocer-Gumusel B., ERKEKOGLU P., CAGLAYAN A., HINCAL F.
DRUG AND CHEMICAL TOXICOLOGY, vol.39, no.3, pp.264-271, 2016 (SCI-Expanded)
- XXIII. **COST REDUCTION AND BURDEN OF DISEASE IN TERIPARATIDE-TREATED PATIENTS WITH**

OSTEOPOROSIS AND PREVIOUS FRACTURES: A PAYER'S PERSPECTIVE

Akarırmak U., Emral R., Gumusel B., Ketenci A., Sindel D., TOKGÖZÖĞLU A. M., Tuzun S., YAVUZ D., Ertekin A., Gurbuz S., et al.

VALUE IN HEALTH, vol.19, no.3, 2016 (SCI-Expanded)

XXIV. Plasma phthalate and bisphenol a levels and oxidant-antioxidant status in autistic children

KONDOLOT M., ÖZMERT E. N., AŞCI A., ERKEKOGLU P., OZTOP D., GUMUS H., Kocer-Gumusel B., YURDAKÖK K.
ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY, vol.43, pp.149-158, 2016 (SCI-Expanded)

XXV. NUTRITIONAL DEFICIENCY Preface

Erkekoglu P., Kocer-Gumusel B.

NUTRITIONAL DEFICIENCY, 2016 (SCI-Expanded)

XXVI. Epithelial-Mesenchymal Transition: A Special Focus on Phthalates and Bisphenol A

ORAL D., ERKEKOGLU P., Kocer-Gumusel B., CHAO M.

JOURNAL OF ENVIRONMENTAL PATHOLOGY TOXICOLOGY AND ONCOLOGY, vol.35, no.1, pp.43-58, 2016 (SCI-Expanded)

XXVII. Oxidant and antioxidant status in neonatal proven and clinical sepsis according to selenium status

AŞCI A., SURMELİ-ONAY O., ERKEKOGLU P., yiğit s., YURDAKOK M., Kocer-Gumusel B.

PEDIATRICS INTERNATIONAL, vol.57, no.6, pp.1131-1137, 2015 (SCI-Expanded)

XXVIII. The effects of season and gender on the serum aflatoxins and ochratoxin A levels of healthy adult subjects from the Central Anatolia Region, Turkey

SABUNCUOGLU S., ERKEKOGLU P., AYDIN S., ŞAHİN G., Kocer-Gumusel B.

EUROPEAN JOURNAL OF NUTRITION, vol.54, no.4, pp.629-638, 2015 (SCI-Expanded)

XXIX. The effects of di(2-ethylhexyl) phthalate and/or selenium on trace element levels in different organs of rats

Erkekoglu P., arnaud J., rachidi W., Kocer-Gumusel S., favier A., Hincal F.

JOURNAL OF TRACE ELEMENTS IN MEDICINE AND BIOLOGY, vol.29, pp.296-302, 2015 (SCI-Expanded)

XXX. Genotoxicity of phthalates

Erkekoglu P., Kocer-Gumusel B.

TOXICOLOGY MECHANISMS AND METHODS, vol.24, no.9, pp.616-626, 2014 (SCI-Expanded)

XXXI. Effects of Di(2-Ethylhexyl)Phthalate on Testicular Oxidant/Antioxidant Status in Selenium-Deficient and Selenium-Supplemented Rats

Erkekoglu P., Giray B., Rachidi W., Hininger-Favier I., Roussel A., Favier A., HINCAL F.

ENVIRONMENTAL TOXICOLOGY, vol.29, no.1, pp.98-107, 2014 (SCI-Expanded)

XXXII. Urinary Bisphenol A Levels in Girls with Idiopathic Central Precocious Puberty

durmaz E., aşçı A., ERKEKOGLU P., Akcurin S., Gumusel B. K., Bircan I.

JOURNAL OF CLINICAL RESEARCH IN PEDIATRIC ENDOCRINOLOGY, vol.6, no.1, pp.16-21, 2014 (SCI-Expanded)

XXXIII. Selenium levels, selenoenzyme activities and oxidant/ antioxidant parameters in h1n1-infected children

ERKEKOGLU P., AŞCI A., CEYHAN M., KİZILGÜN M., SCHWEIZER U., ATAŞ C., KARA A., Koçer G.

Turkish Journal of Pediatrics, vol.55, no.3, pp.271-282, 2013 (SCI-Expanded)

XXXIV. Thyroidal effects of di-(2-ethylhexyl) phthalate in rats of different selenium status

ERKEKOGLU P., Giray B., KİZILGÜN M., HININGER-FAVIER I., RACHIDI W., ROUSSEL A., FAVIER A., HINCAL F.

Journal of Environmental Pathology, Toxicology and Oncology, vol.31, no.2, pp.143-153, 2012 (SCI-Expanded)

XXXV. THE ECONOMIC COST OF ACUTE CORONARY SYNDROME IN TURKEY

Cakir B., Caliskan Z., Ergun H., Erol C., Gumusel B., Tokgozoglu L., Dayioglu M.

VALUE IN HEALTH, vol.15, no.7, 2012 (SCI-Expanded)

XXXVI. Di(2-ethylhexyl)phthalate-induced renal oxidative stress in rats and protective effect of selenium

ERKEKOGLU P., Giray B., KİZILGÜN M., RACHIDI W., HININGER-FAVIER I., ROUSSEL A., FAVIER A., HINCAL F.

Toxicology Mechanisms and Methods, vol.22, no.6, pp.415-423, 2012 (SCI-Expanded)

XXXVII. Serum Ochratoxin A Levels in Geriatric Population Geriatrik popülasyonda serum okratoksin A düzeyleri

Giray B., Erkekoglu P., SABUNCUOĞLU S., Aydin S., ŞAHİN G.

- Marmara Pharmaceutical Journal, vol.15, no.2, pp.69-74, 2011 (SCI-Expanded)
- XXXVIII. **Fenvalerate induced hepatic oxidative stress in selenium- and/or iodine-deficient rats.**
Giray B., HINCAL F.
Human & experimental toxicology, vol.30, pp.1575-83, 2011 (SCI-Expanded)
- XXXIX. **Induction of ROS, p53, p21 in DEHP- and MEHP-exposed LNCaP cells-protection by selenium compounds**
ERKEKOGLU P., RACHIDI W., YÜZÜĞÜLLÜ O., Giray B., OZTÜRK M., FAVIER A., HINCAL F.
Food and Chemical Toxicology, vol.49, no.7, pp.1565-1571, 2011 (SCI-Expanded)
- XL. **Evaluation of cytotoxicity and oxidative DNA damaging effects of di(2-ethylhexyl)-phthalate (DEHP) and mono(2-ethylhexyl)-phthalate (MEHP) on MA-10 Leydig cells and protection by selenium**
ERKEKOGLU P., RACHIDI W., YÜZÜĞÜLLÜ O., Giray B., FAVIER A., OZTÜRK M., HINCAL F.
Toxicology and Applied Pharmacology, vol.248, no.1, pp.52-62, 2010 (SCI-Expanded)
- XLI. **Protective effect of selenium supplementation on the genotoxicity of di(2-ethylhexyl)phthalate and mono(2-ethylhexyl)phthalate treatment in LNCaP cells**
ERKEKOGLU P., RACHIDI W., De R., Giray B., FAVIER A., HINCAL F.
Free Radical Biology and Medicine, vol.49, no.4, pp.559-566, 2010 (SCI-Expanded)
- XLII. **Trace elements status in multinodular goiter.**
Giray B., ARNAUD J., SAYEK I., FAVIER A., HINCAL F.
Journal of trace elements in medicine and biology : organ of the Society for Minerals and Trace Elements (GMS), vol.24, pp.106-10, 2010 (SCI-Expanded)
- XLIII. **Toxicological Evaluation of Weight Loss Patches: Review**
Erkekoglu P., Giray B., Sahin G.
TURKIYE KLINIKLERİ TIP BİLİMLERİ DERGİSİ, vol.30, no.2, pp.738-745, 2010 (SCI-Expanded)
- XLIV. **FIRST IMPRESSIONS FROM A SHORT TRAINING COURSE IN RATIONAL USE OF DRUGS FOR THE PHARMACOLOGISTS IN THE PHARMACY SCHOOLS IN TURKEY**
Toklu H. Z., Dulger G., Yaris E., Gumusel B., Akici A.
VALUE IN HEALTH, vol.12, no.7, 2009 (SCI-Expanded)
- XLV. **Determination of ochratoxin A and total aflatoxin levels in corn samples from Turkey by enzyme-linked immunosorbent assay.**
Giray B., ATASAYAR S., ŞAHİN G.
Mycotoxin research, vol.25, pp.113-6, 2009 (SCI-Expanded)
- XLVI. **L-NAME augments beta-adrenoceptor desensitization in isolated rat main pulmonary artery**
Kandilci H. B., Gumusel B.
FUNDAMENTAL & CLINICAL PHARMACOLOGY, vol.22, pp.77, 2008 (SCI-Expanded)
- XLVII. **Treatment approaches in tricyclic antidepressant poisoning: Review**
Sahin G., Giray B., Erkekoglu P.
TURKIYE KLINIKLERİ TIP BİLİMLERİ DERGİSİ, vol.28, no.4, pp.533-543, 2008 (SCI-Expanded)
- XLVIII. **Elevated semicarbazide-sensitive amine oxidase (SSAO) activity in lung with ischemia-reperfusion injury: Protective effect of ischemic preconditioning plus SSAO inhibition**
Ucar G., Topaloglu E., Kandilci H., Gumusel B.
LIFE SCIENCES, vol.78, no.4, pp.421-427, 2005 (SCI-Expanded)
- XLIX. **Determination of aflatoxin M-1 levels in commonly consumed cheese and yogurt samples in Ankara, Turkey**
GÜRBAY A., Engin A. B., Caglayan A., Sahin G.
TOXICOLOGY LETTERS, vol.158, 2005 (SCI-Expanded)
- L. **Effect of ischemic preconditioning on reactive oxygen species-mediated ischemia-reperfusion injury in the isolated perfused rat lung**
Ucar G., Topaloglu E., Kandilci H., Gumusel B.
CLINICAL BIOCHEMISTRY, vol.38, no.7, pp.681-684, 2005 (SCI-Expanded)
- LI. **Noncardiac malformations in congenital heart disease: A retrospective analysis of 305 pediatric autopsies**

- Gucer S., Ince T., Kale G., Akcoren Z., Ozkutlu S., Talim B., Caglar M.
TURKISH JOURNAL OF PEDIATRICS, vol.47, no.2, pp.159-166, 2005 (SCI-Expanded)
- LII. **Synthesis of and pharmacological studies on the antidepressant and anticonvulsant activities of some 1,3,5-trisubstituted pyrazolines**
Ruhoglu O., Ozdemir Z., Calis U., Gumusel B., Bilgin A.
ARZNEIMITTELFORSHUNG-DRUG RESEARCH, vol.55, no.8, pp.431-436, 2005 (SCI-Expanded)
- LIII. **Fatal necrotizing pneumonia caused by group A streptococcus**
Cengiz A., Kanra G., Caglar M., Kara A., Gucer S., Ince T.
JOURNAL OF PAEDIATRICS AND CHILD HEALTH, vol.40, pp.69-71, 2004 (SCI-Expanded)
- LIV. **Iodine and/or selenium deficiency alters tissue distribution pattern of other trace elements in rats.**
Giray B., RIONDEL J., ARNAUD J., DUCROS V., FAVIER A., HINCAL F.
Biological trace element research, vol.95, pp.247-58, 2003 (SCI-Expanded)
- LV. **Role of nitric oxide in ischemia-induced preconditioning in rat isolated lung**
Kandilci H., Yildiz G., Korkusuz P., Ugur Y., Asan E., Demiryurek A., Gumusel B.
FASEB JOURNAL, vol.16, no.4, 2002 (SCI-Expanded)
- LVI. **Oxidative DNA base damage, antioxidant enzyme activities and selenium status in highly iodine-deficient goitrous children.**
Giray B., HINCAL F.
Free radical research, vol.36, pp.55-62, 2002 (SCI-Expanded)
- LVII. **Status of selenium and antioxidant enzymes of goitrous children is lower than healthy controls and nongoitrous children with high iodine deficiency.**
Giray B., HINCAL F., TEZİÇ T., OKTEN A., GEDIK Y.
Biological trace element research, vol.82, pp.35-52, 2001 (SCI-Expanded)
- LVIII. **Cypermethrin-induced oxidative stress in rat brain and liver is prevented by Vitamin E or allopurinol**
Giray B., GURBAY A., HINCAL F.
TOXICOLOGY LETTERS, vol.118, no.3, pp.139-146, 2001 (SCI-Expanded)

Articles Published in Other Journals

- I. **Kozmetovijilans: Avrupa ve Türkiye'deki Güncel Durumu, Uygulamaları ve Kozmetovijilans Anketleri**
KÖSE Ö., SABUNCUOĞLU S., ERKEKOĞLU P., Kocer-Gumusel B.
Fabad Journal of Pharmaceutical Sciences, vol.43, no.1, pp.79-90, 2018 (Scopus)
- II. **The mutagenic potential of 3,5-dimethylaminophenol in bacterial and mammalian cells**
ERKEKOĞLU P., Chao M., KÖSE O., SABUNCUOĞLU S., Kocer-Gumusel B.
Fabad Journal of Pharmaceutical Sciences, vol.42, no.2, pp.87-93, 2017 (Scopus)
- III. **'Endokrin Bozucu Kimyasallar ve Obezite Arasındaki İlişkinin Değerlendirilmesi II: Poliklorlu Bifeniller'**
BALCI A., ERKEKOĞLU Ü. P., GÜMÜŞEL B.
Türkiye Klinikleri Eczacılık Bilimleri Dergisi, vol.4, no.2, pp.43-49, 2015 (Peer-Reviewed Journal)
- IV. **'Endokrin Bozucu Kimyasallar ve Obezite Arasındaki İlişkinin Değerlendirilmesi I: Ftalatlar ve Bisfenol A'**
BALCI A., ERKEKOĞLU Ü. P., GÜMÜŞEL B.
Türkiye Klinikleri Eczacılık Bilimleri Dergisi, vol.3, no.2, pp.1-16, 2014 (Peer-Reviewed Journal)
- V. **The effects of iodine deficiency on pulmonary xenobiotic metabolizing enzymes in rats**
ERKEKOĞLU P., Koçer-Gümüşel B., ÇAĞLAYAN A., Hincal F.
Fabad Journal of Pharmaceutical Sciences, vol.39, no.1, pp.1-8, 2014 (Scopus)
- VI. **SYNTHESIS OF SOME NEW 1,3,5-TRESUBSTITUTED PYRAZOLINES WITH ANTIDEPRESSANT AND ANTICONVULSANT ACTIVITIES**
Iyidogan P., Ozdemir Z., Kandilci B., Gumusel B., Calis U., Bilgin A. A.

Refereed Congress / Symposium Publications in Proceedings

- I. **The Effects of Surface Modifications of Gold Nanoparticles on Cytotoxicity and Intracellular Reactive Oxygen Species in Hepg2 Cells**
ŞEN G. T., YILDIZTEKİN K. G., SHAHBAZI r., ERKEKOĞLU Ü. P., ULUBAYRAM K., GÜMÜŞEL B.
DRD, 5 - 07 October 2017
- II. **The Effects of Surface Modifications of Gold Nanoparticles on Cytotoxicity and intracellular Reactive Oxygen Species in Hepg2 cells**
ŞEN G. T., YILDIZTEKİN K. G., shahbazi r., ERKEKOĞLU Ü. P., ULUBAYRAM K., GÜMÜŞEL B.
DRD, 05 October 6017 - 07 October 2017
- III. **3,5-Dimethylaminophenol is not mutagenic in CHO cells and in different Salmonella typhimurium strains.**
ERKEKOĞLU Ü. P., chao m., köse ö., SABUNCUOĞLU S., GÜMÜŞEL B.
Quest For Beauty in Science, Culture And Arts (Uluslararası Bilim Kültür Ve Sanatta Güzeli Arayış Kongresi), 11 - 13 May 2017
- IV. **Kozmetik Ürünlerde Uygulanan Alternatif Deri İrritasyon Testleri.**
köse ö., ERKEKOĞLU Ü. P., SABUNCUOĞLU S., GÜMÜŞEL B.
IVEK 2017, 26 - 29 April 2017
- V. **Kozmetik Ürünlerde Uygulanan Alternatif Deri İrritasyon Testleri**
köse ö., ERKEKOĞLU Ü. P., SABUNCUOĞLU S., GÜMÜŞEL B.
IVEK 2017, 26 - 29 April 2017
- VI. **Saç Ürünlerinin Deri İrritasyonu Yapıcı Etkilerinin Alternatif Yöntemlerle Karşılaştırılmalı Olarak Değerlendirilmesi**
köse ö., SABUNCUOĞLU S., ERKEKOĞLU Ü. P., GÜMÜŞEL B.
7. Kozmetik Kimyası, Üretimi ve Standardizasyonu Kongresi, Turkey, 24 - 26 February 2017
- VII. **Assessment of Oxidative Stress and Impaired Antioxidant Defence System in Patients with Epithelial Ovarian Cancer**
ÇAĞLAYAN A., SAYAL H. B., TUNCER Z. S., YÜCE K., GÜMÜŞEL B.
8th International Turkish Society of Toxicology Congress, Antalya, Turkey, 14 - 18 November 2012
- VIII. **Di(2-ethylhexyl)phthalate-induced renal oxidative stress and selenium status**
Pinar E., Giray B., Kizilgun M., Rachidi W., Hininger-Favier I., Roussel A., Favier A., HINCAL F.
48th Congress of the European-Societies-of-Toxicology (EUROTOX), Stockholm, Sweden, 17 - 20 June 2012, vol.211
- IX. **Cytoplasmic and nuclear toxicity of 3,5-dimethylaminophenol**
Erkekoglu P., Chao M., Ye W., Trudel L., Giray B., Wogan G., Tannenbaum S. R.
48th Congress of the European-Societies-of-Toxicology (EUROTOX), Stockholm, Sweden, 17 - 20 June 2012, vol.211
- X. **Ochratoxin A induced oxidative stress in rat liver**
Palabiyik S. S., Erkekoglu P., Zeybek N. D., Kizilgun M., ŞAHİN G., Giray B.
48th Congress of the European-Societies-of-Toxicology (EUROTOX), Stockholm, Sweden, 17 - 20 June 2012, vol.211
- XI. **The effects of nitrite administration on hepatic ischemia reperfusion injury**
Aslan A. Y., Yabanoglu S., UÇAR G., Gumusel B., KORKUSUZ P., Hekimoglu R.
36th FEBS Congress of the Biochemistry for Tomorrows Medicine, Torino, Italy, 25 - 30 June 2011, vol.278, pp.405
- XII. **Induction of Reactive Oxygen Species, p53 and p21 in DEHP- and MEHP-Treated LNCaP Cells and Possible Protection by Selenium Compounds**
Erkekoglu P., Yuzugullu O. G., Rachidi W., Giray B., Ozturk M., HINCAL F.
9th International Meeting of the International-Society-for-the-Study-of-Xenobiotics(ISSX), İstanbul, Turkey, 4 - 08 September 2010, vol.42, pp.247
- XIII. **Evaluation of Oxidant/Antioxidant Status in H1N1 Infected Children**
Asci A., Atas C. S., Erkekoglu P., Kizilgun M., KARA A., CENGİZ A. B., CEYHAN M., Giray B.

9th International Meeting of the International-Society-for-the-Study-of-Xenobiotics(ISSX), İstanbul, Turkey, 4 - 08 September 2010, vol.42, pp.244

XIV. **Sodium nitrite treatment reduce hepatic ischemic-reperfusion injury**

Yabanoglu S., Yalovac A., UÇAR G., KORKUSUZ P., Gumusel B.

35th Congress of the Federation-of-European-Biochemical-Societies, Gothenburg, Sweden, 26 June - 01 July 2010, vol.277, pp.93

XV. **Aflatoxin B1, B2, G1, G2 Contamination In Wheat And Retail Ground Samples Commonly Consumed In Ankara, Turkey**

ENGİN A. B., GİRGIN G., AYDIN S., ERKEKOĞLU Ü. P., ÇAĞLAYAN A., SABUNCUOĞLU S., GÜMÜŞEL B., BAYDAR T., ŞAHİN G.

XI. International IUPAC Symposium on Mycotoxins and Phycotoxins, United States Of America, 17 - 21 May 2004, vol.27, pp.68

XVI. **Genotoxicity of Di(2-ethylhexyl) phthalate and mono(2-ethylhexyl) phthalate and prevention by selenium compounds in prostatic cell lines**

Erkekoglu P., Rachidi W., Giray B., HINCAL F.

46th Congress of the European-Societies-of-Toxicology, Dresden, Germany, 13 - 16 September 2009, vol.189

XVII. **Lipid peroxidation levels and antioxidant enzyme activities in hypertensive uremic patients undergoing hemodialysis**

Giray B., Palabiyik S., AŞCI A., Cetinkaya R., ŞAHİN G.

46th Congress of the European-Societies-of-Toxicology, Dresden, Germany, 13 - 16 September 2009, vol.189

XVIII. **The Effects of Fenvalerate on Testicular Oxidant/Antioxidant Status in Selenium Deficient Rats (Selenyum Eksikliği Oluşturulan Sıçanlarda Fenvaleratin Testiküler Oksidan/Antioksidan Statü Üzerindeki Etkileri)**

ÇAĞLAYAN A., GÜMÜŞEL B.

7th International Turkish Society of Toxicology Congress, Ankara, Turkey, 30 May - 01 June 2009

XIX. **Nitrite content of maize samples from different regions of Turkey**

Erkekoglu P., Giray B.

45th Congress of the European-Societies-of-Toxicology, Rhodes, Greece, 5 - 08 October 2008, vol.180

XX. **Erum ochratoxin a levels in healthy Turkish subjects**

Erkekoglu P., Atasayar S., AYDIN DİLSİZ S., ŞAHİN G., Giray B.

45th Congress of the European-Societies-of-Toxicology, Rhodes, Greece, 5 - 08 October 2008, vol.180

XXI. **Alterations in Hepatic and Cerebral Xenobiotic-Metabolizing Enzymes in Iodine and/or Selenium Deficient Rats**

ERKEKOĞLU Ü. P., ÇAĞLAYAN A., GÜMÜŞEL B., HINCAL F.

19th European Workshop on Drug Metabolism (DMW 2004), Antalya, Turkey, 3 - 08 October 2004, pp.100

XXII. **Sarcolemmal KATP channel mediated protection in ischemia-induced preconditioning in rat isolated lung**

Kandilcil H., Gumusel B., Demiryurek A.

Experimental Biology 2004 Meeting, Washington, Kiribati, 17 - 21 April 2004, vol.18

Supported Projects

GÜMÜŞEL B., TUBITAK Project, Prenatal Bisfenol A ve Ftalat Maruziyetinin Yenidoğanda Üreme Sistemi ve Tiroid Hormonları Üzerine Etkilerinin Değerlendirilmesi, 2015 - Continues
ERKEKOĞLU Ü. P., ZEYBEK N. D., YILDIZTEKİN K. G., BALCI A., KÖSE Ö., SUR Ü., ERCAN A., YERSAL N., GÜMÜŞEL B., Project Supported by Higher Education Institutions, Endokrin Bozucu Kimyasal Maddelere Kombine Maruziyetin Toksik Etkilerinin Farklı Hücre Hatlarında Değerlendirilmesi: Endoplazmik Retikulum Stresi ve Oksidatif Stres, 2017 - 2020
ERKEKOĞLU Ü. P., Yırın A., ÖZKEMAHLİ K. G., BALCI A., YERSAL N., ZEYBEK N. D., GÜMÜŞEL B., Project Supported by Higher Education Institutions, PRENATAL ve LAKTASYON DÖNEMİNDE BİSFENOL A VEVEYA Dİ2ETİL HEKZİL FTALAT MARUZİYETİNİN NÖROENDOKRİN BOZUCU ETKİLERİNİN DEĞERLENDİRİLMESİ, 2018 - 2019

GÜMÜŞEL B., BALCI A., ERKEKOĞLU Ü. P., ÖZKEMAHLI G., SUR Ü., Project Supported by Higher Education Institutions, Aroklor 1254 veveya Selenyum Statüsünün Testiküler ve Hepatik Selenoprotein Aktivitelerine Seviyelerine Etkisi, 2017 - 2018

ERKEKOĞLU Ü. P., KIR S., GÜMÜŞEL B., NEMUTLU E., BALCI A., REÇBER T., BULUŞ A. D., Project Supported by Higher Education Institutions, SANTRAL ve PERİFERAL PUBERTE PREKOKSLU ÇOCUKLarda METABOLOMİKS ÇALIŞMALARI, 2017 - 2018

KANBUR N., AKGÜL S., DÜZÇEKER Y., ERKEKOĞLU Ü. P., BOZDAĞ G., BALCI A., SUR Ü., DERMAN O., GÜMÜŞEL B., GÜMÜŞ E., Project Supported by Higher Education Institutions, Adolesan Polikistik Over Sendromlu Vakalarda Bisfenol A ve Ftalat Düzeylerinin İncelenmesi, 2017 - 2018

GÜMÜŞEL B., BALCI A., ERKEKOĞLU Ü. P., ZEYBEK N. D., YERSAL N., KÖSE Ö., YILDIZTEKİN K. G., Project Supported by Higher Education Institutions, PRENATAL ve LAKTASYON DÖNEMİNDE BİSFENOL A veveya Dİ2ETİL HEKZİL FTALAT MARUZİYETİNİN ERKEK ÜREME SİSTEMİ ÜZERİNE ETKİLERİNİN İNCELENMESİ, 2017 - 2018

GÜMÜŞEL B., Project Supported by Higher Education Institutions, Sağlıkta ve Hastalıkta Eser Elementlerde Yeni Gelişmeler, 2015 - 2016

GÜMÜŞEL B., Project Supported by Higher Education Institutions, Hacettepe Hastanelerinde İlaç Danışma Hizmetlerinin Sunumu: Kadın Hastalıkları ve Doğum, Yeni Doğan, Geriatri ve Medikal Onkoloji Bölümlerinde Pilot Uygulama, 2014 - 2016

GÜMÜŞEL B., Project Supported by Higher Education Institutions, Uluslararası Eğitimde Yeni Ufuklar Toplantısına Katılım, 2015 - 2015

GÜMÜŞEL B., Project Supported by Higher Education Institutions, NEONATAL SEPSİSTE SELENYUM / SELENOENZİMLERİN ROLÜ VE OKSIDAN/ANTİOKSIDAN STATÜ DEĞİŞİKLİKLERİNİN İNCELENMESİ, 2014 - 2015

GÜMÜŞEL B., Project Supported by Higher Education Institutions, Neonatal Sepsiste Selenyum/Selenoenzimlerin Rolü ve Oksidan / Antioksidan Statü Değişikliklerinin İncelenmesi, 2012 - 2015

Metrics

Publication: 86

Citation (WoS): 1014

Citation (Scopus): 1198

H-Index (WoS): 17

H-Index (Scopus): 18