

Prof. GÖZDE GİRGIN

Personal Information

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Education

Doctorate, Hacettepe University, Sağlık Bilimleri Enstitüsü, Farmasötik Toksikoloji, Turkey 2003 - 2009

Postgraduate, Hacettepe University, Sağlık Bilimleri Enstitüsü, Farmasötik Toksikoloji, Turkey 2000 - 2003

Undergraduate, Hacettepe University, Eczacılık Fakültesi, Turkey 1995 - 2000

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Çocuklarda pteridin yolağının değerlendirilmesi, Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2009

Postgraduate, Kurşuna maruziyetin esansiyel element düzeyleri üzerine etkisi, Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2003

Research Areas

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

Academic Positions

Associate Professor, Hacettepe University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2014 - Continues

Lecturer, Hacettepe University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2009 - 2013

Research Assistant, Hacettepe University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2000 - 2009

Journal articles indexed in SCI, SSCI, and AHCI

- Inflammatory Markers in the Blood of Spastic Cerebral Palsy Children: A Case-Control Study**
Tezol O., YALÇIN S. S., GİRGIN G., YİRÜN A., Sanajou S., Ozyurt A. B., BAYRAM B., PORTAKAL AKÇİN O., BAYDAR T., OKUYAZ Ç., et al.
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- Assessment of Inflammatory and Oxidative Stress Biomarkers for Predicting of Patients with Asymptomatic Carotid Artery Stenosis**

KARADUMAN A. B., ILGIN S., AYKAÇ Ö., YEŞİLKAYA M., LEVENT S., ÖZDEMİR A. Ö., GİRGİN G.

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- III. **Heavy metal levels in postmortem blood samples: Unraveling links to suicide and neurological impacts**
Erkman F. T., YILDIRIM M. Ş., SABUNCUOĞLU S., Demir C., Degirmenci B., GİRGİN G., Tezer N., ÇAPACI M., TÜMER A. R., AKÇAN R.
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- IV. **The relationship between lung function, exercise capacity, oxidant and antioxidant response in primary ciliary dyskinesia and cystic fibrosis**
Kartal Y., BOZDEMİR ÖZEL C., ÇAKMAK A., SONBAHAR ULU H., İNAL İNCE D., ADEMİHAN TURAL D., Polat S. E., Hizal M., ÖZÇELİK H. U., KARAHAN S., et al.
TURKISH JOURNAL OF PEDIATRICS, vol.66, no.3, pp.309-322, 2024 (SCI-Expanded)
- V. **Verification studies of tryptophan and kynurenine determination using HPLC and evaluation of the kynurenine pathway and neopterin levels in human colostrum samples**
GİRGİN G., Sanajou S., Meric-Deliveli S., BAYDAR T.
Biomedical Chromatography, vol.38, no.2, 2024 (SCI-Expanded)
- VI. **Synthesis and Tyrosinase Inhibitory Activity of Novel Benzimidazole/Thiazolidin-4-one Hybrid Derivatives**
Khraisat L. M. A. F., SABUNCUOĞLU S., GİRGİN G., ÜNSAL TAN O.
Chemistry and Biodiversity, vol.21, no.2, 2024 (SCI-Expanded)
- VII. **Effect of NB-UVB therapy on IL-6 and neopterin levels in patients with psoriasis**
Sahin E. B., Sanajou S., Girgin G., Akan T., BAYDAR T.
Pteridines, vol.34, no.1, 2023 (SCI-Expanded)
- VIII. **Mercury exposure, neopterin profile, and tryptophan degradation in dental technicians**
Girgin G., Yücelik Ş. S., Sipahi H., Kilicarslan B., Ünüvar S., Tutkun E., Yılmaz Ö. H., Baydar T.
PTERIDINES, vol.33, no.1, pp.32-38, 2022 (SCI-Expanded)
- IX. **A Comparison of Cystic Fibrosis and Primary Ciliary Dyskinesia Patients with Healthy Controls in Terms of Anaerobic Hemodynamics**
KARTAL Y., BOZDEMİR ÖZEL C., SONBAHAR ULU H., ÇAKMAK A., İNAL İNCE D., Tural D. A., Polat S. E., Hizal M. G., Ozcelik U., BUDAK M. T., et al.
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- X. **The Effects of COVID-19 on Oxidative Stress and Antioxidant Defense Mechanism in Children**
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JOURNAL OF PEDIATRIC INFECTIOUS DISEASES, vol.17, pp.112-118, 2021 (SCI-Expanded)
- XI. **Neopterin and biopterin levels and tryptophan degradation in patients with diabetes**
Gürcü S., Girgin G., Yorulmaz G., Kılıçarslan B., Efe B., Baydar T.
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- XII. **Evaluation of isoindole derivatives: Antioxidant potential and cytotoxicity in the HT-29 colon cancer cells**
Kılıç Süloğlu A., Selmanoğlu G., Gundogdu O., Kishalı N., Girgin G., Palabiyik S., Tan A., Kara Y., Baydar T.
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- XIII. **The increased neopterin content in Turkish pediatric patients with sickle cell anemia**
Sabuncuoğlu S., Öztaş Y., Yalçınkaya A., Ünal S., Baydar T., Girgin G.
Annals of Hematology, vol.99, no.1, pp.41-47, 2020 (SCI-Expanded)
- XIV. **Evaluation of oxidative stress and antioxidant parameters in children with carbon monoxide poisoning**
TEKŞAM Ö., SABUNCUOĞLU S., GİRGİN G., Ozgunes H.
HUMAN & EXPERIMENTAL TOXICOLOGY, vol.38, no.11, pp.1235-1243, 2019 (SCI-Expanded)
- XV. **Mycotoxin detection in maize, commercial feed, and raw dairy milk samples from Assiut City, Egypt**
Abdallah M. F., Girgin G., Baydar T.
Veterinary Sciences, vol.6, 2019 (SCI-Expanded)

- XVI. **Neopterin Levels and Indoleamine 2,3-Dioxygenase Activity as Biomarkers of Immune System Activation and Childhood Allergic Diseases**
Ünüvar S., Erge D., Kılıçarslan B., Bağ H., Çatal F., Girgin G., BAYDAR T.
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- XVII. **Tryptophan Degradation and Antioxidant Status in Patients With Thyroid Disorders**
Unuvar S., GİRĞİN G., Sahin T. T., KILIÇARSLAN B., Taneri F., Yüksel O., BAYDAR T.
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- XVIII. **Occurrence of multiple mycotoxins and other fungal metabolites in animal feed and maize samples from Egypt using LC-MS/MS**
ABDALLAH M. F., GİRĞİN G., BAYDAR T., KRKA R., SULTAN M.
JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE, vol.97, no.13, pp.4419-4428, 2017 (SCI-Expanded)
- XIX. **Possible changes of New-Generation inflammation markers with occupational lead exposure**
Sipahi H., GİRĞİN G., Palabiyik S. S., Tutkun E., Yilmaz O. H., BAYDAR T.
JOURNAL OF OCCUPATIONAL HEALTH, vol.59, no.4, pp.345-351, 2017 (SCI-Expanded)
- XX. **A New Diagnostic and Prognostic Marker in Endometrial Cancer: Neopterin**
Bostanci E. I., Dikmen A. U., GİRĞİN G., GUNGOR T., Baydar T., DANISMAN A. N.
INTERNATIONAL JOURNAL OF GYNECOLOGICAL CANCER, vol.27, no.4, pp.754-758, 2017 (SCI-Expanded)
- XXI. **Neopterin Release and Tryptophan Degradation in Patients with Uveitis**
Palabiyik Ş. S., Keleş S., Girgin G., Arpalı-Tanas E., Topdagi E., Baydar T.
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- XXII. **Folate, neopterin and kynurenine pathway in patients with statin therapy**
PALABIYIK Ş. S., GİRĞİN G., AŞCI A., Demirelli S., Uslu A., KARAKELLEOĞLU Ş., Akcay F., Aksakal E., Sahin G., BAYDAR T.
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- XXIII. **Detection of neopterin in tear samples**
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- XXIV. **Low indoleamine 2,3-dioxygenase activity in persistent food allergy in children**
BUYUKTIRYAKI B., ŞAHİNER Ü. M., GİRĞİN G., BİRBEN E., SOYER O. U., CAVKAYTAR O., ÇETİN C., YILMAZ E., YAVUZ S. T., KALAYCI O., et al.
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- XXV. **A NEW PROGNOSTIC MARKER IN ENDOMETRIAL CANCER: NEOPTERIN**
Bostanci E. I., Dikmen A. U., GİRĞİN G., GUNGOR T., BAYDAR T., DANISMAN A.
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- XXVI. **Occurrence, Prevention and Limitation of Mycotoxins in Feeds**
ABDALLAH M. F., GİRĞİN G., BAYDAR T.
ANIMAL NUTRITION AND FEED TECHNOLOGY, vol.15, no.3, pp.471-490, 2015 (SCI-Expanded)
- XXVII. **Aflatoxin M1 and ochratoxin A levels in breast milk in Ankara, Turkey**
Uyar B. B., KARAAGAOĞLU N., GİRĞİN G., GÜRBAY A., Karaagaoglu E.
FASEB JOURNAL, vol.28, no.1, 2014 (SCI-Expanded)
- XXVIII. **The effects of a small-dose ketamine-propofol combination on tourniquet-induced ischemia-reperfusion injury during arthroscopic knee surgery**
Gogus N., Akan B., Bayrakci S., GİRĞİN G., Baydar M.
JOURNAL OF CLINICAL ANESTHESIA, vol.26, no.1, pp.46-51, 2014 (SCI-Expanded)
- XXIX. **Possible effects of lycopene and silymarin on rat liver functions and oxidative stress markers**
Suloglu A. K., Girgin G., Selmanoğlu G., Balci S., Baydar T.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.39, pp.344-350, 2014 (SCI-Expanded)
- XXX. **Evaluation of dihydropteridine reductase activities in patients with kidney failure**
PALABIYIK Ş. S., AŞCI A., GİRĞİN G., Sahin G., Cetinkaya R., BAYDAR T.
PTERIDINES, vol.24, pp.219-223, 2013 (SCI-Expanded)
- XXXI. **IMMUNOMODULATION AND OXIDATIVE STRESS IN DENIM SANDBLASTING WORKERS: CHANGES**

CAUSED BY SILICA EXPOSURE

Palabiyik S. S., GİRĞİN G., Tutkun E., Yilmaz O. H., BAYDAR T.

ARHIV ZA HIGIJENU RADA I TOKSIKOLOGIJU-ARCHIVES OF INDUSTRIAL HYGIENE AND TOXICOLOGY, vol.64, no.3, pp.431-437, 2013 (SCI-Expanded)

- XXXII. **Tryptophan degradation and neopterin levels by aging**
Sipahi H., GİRĞİN G., Inanici F., Ariogul S., Sahinb G., BAYDAR T.
PTERIDINES, vol.24, no.1, pp.33-39, 2013 (SCI-Expanded)
- XXXIII. **Spot analyses of serum neopterin, tryptophan and kynurenine levels in a random group of blood donor population**
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- XXXIV. **A Pilot Study on Neopterin Levels and Tryptophan Degradation in Zinc-Exposed Galvanization Workers**
Sarac E. S., GİRĞİN G., Palabiyik S. S., Charehsaz M., Aydin A., Sahin G., BAYDAR T.
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- XXXV. **Evaluation of Tetrahydrobiopterin Pathway in Operating Room Workers: Changes in Biopterin Status and Tryptophan Metabolism**
Baydar M., Capan Z., GİRĞİN G., Palabiyik S. S., Sahin G., Fuchs D., BAYDAR T.
BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, vol.89, no.6, pp.1125-1128, 2012 (SCI-Expanded)
- XXXVI. **Toxic Metals in Breast Milk Samples from Ankara, Turkey: Assessment of Lead, Cadmium, Nickel, and Arsenic Levels**
GÜRBAY A., Charehsaz M., Eken A., Sayal A., GİRĞİN G., YURDAKÖK M., YİĞİT Ş., Erol D. D., Sahin G., Aydin A.
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- XXXVII. **Evaluation of Serum and Urinary Levels of some Pteridine Pathway Components in Healthy Turkish Children**
GİRĞİN G., BAYDAR T., Fuchs D., Sahin G., Ozmert E., YURDAKÖK K.
PTERIDINES, vol.23, no.3, pp.90-95, 2012 (SCI-Expanded)
- XXXVIII. **Effects of Inhalation Anesthetics on the Profile of Urinary Neopterin as an Immune Marker in Patients who Underwent Laparoscopic Cholecystectomy**
Capan Z., BAYDAR T., GİRĞİN G., Dolgun A., Dikmen B., Sahin G.
PTERIDINES, vol.22, no.1, pp.18-23, 2011 (SCI-Expanded)
- XXXIX. **Evaluation of Changes in Immune System of Operating Room Personnel by Measurement of Urinary Neopterin Concentrations**
Baydar M., Capan Z., GİRĞİN G., BAYDAR T., Sahin G.
PTERIDINES, vol.22, no.1, pp.13-17, 2011 (SCI-Expanded)
- XL. **Tryptophan degradation and serum neopterin concentrations in intensive care unit patients**
GİRĞİN G., Sahin T. T., Fuchs D., Yuksel O., Kurukahvecioglu O., Sare M., BAYDAR T.
TOXICOLOGY MECHANISMS AND METHODS, vol.21, no.3, pp.231-235, 2011 (SCI-Expanded)
- XLI. **Urinary Biopterin Levels and Blood Dihydropteridine Reductase Activities in Patients with Thyroid and Breast Disorders**
GİRĞİN G., BAYDAR T., Sahin T. T., PALABIYIK Ş. S., Sipahi H., Yuksel O., Tekin E., Taneri F.
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- XLII. **Aflatoxin M1 levels in breast milk samples from Ankara, Turkey**
GÜRBAY A., SABUNCUOĞLU S., GİRĞİN G., ŞAHİN G., YİĞİT Ş., YURDAKÖK M., Tekinalp G.
TOXICOLOGY LETTERS, vol.196, 2010 (SCI-Expanded)
- XLIII. **Ochratoxin A: is it present in breast milk samples obtained from mothers from Ankara, Turkey?**
GÜRBAY A., GİRĞİN G., SABUNCUOĞLU S., ŞAHİN G., YURDAKÖK M., YİĞİT Ş., Tekinalp G.
JOURNAL OF APPLIED TOXICOLOGY, vol.30, no.4, pp.329-333, 2010 (SCI-Expanded)
- XLIV. **Is There any Alteration in Erythrocyte Folate Status in Patients with Thyroid and Breast Cancers?**
BAYDAR T., Sahin T. T., GİRĞİN G., Sipahi H., Yuksel O., Taneri F., Tekin E.

- PTERIDINES, vol.21, no.1, pp.17-21, 2010 (SCI-Expanded)
- XLV. **Exposure of newborns to aflatoxin M-1 and B-1 from mothers' breast milk in Ankara, Turkey**
GÜRBAY A., SABUNCUOĞLU S., GİRĞİN G., ŞAHİN G., YİĞİT Ş., YURDAKÖK M., Tekinalp G.
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- XLVI. **Immune system modulation in patients with malignant and benign breast disorders: tryptophan degradation and serum neopterin**
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- XLVII. **Neopterin as a prognostic biomarker in intensive care unit patients**
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JOURNAL OF CRITICAL CARE, vol.24, no.3, pp.318-321, 2009 (SCI-Expanded)
- XLVIII. **Immunomodulatory effects of Turkish propolis: Changes in neopterin release and tryptophan degradation**
GİRĞİN G., BAYDAR T., Ledochowski M., Schennach H., Bolukbasi D. N., Sorkun K., SALİH B., Sahin G., Fuchs D.
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- XLIX. **Is neopterin level a predictive and differential biomarker in patients with thyroid disorders?**
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- L. **Preventive effect of aminoguanidine compared to vitamin E and C on cisplatin-induced nephrotoxicity in rats**
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- LI. **Pteridine Pathway in Patients with Degenerative Diseases During Short Time Treatment with Low Dose of Meloxicam, as a Non-steroidal Anti-inflammatory Drug**
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- LII. **Neopterin, catalase and superoxide dismutase in females with benign and malignant breast tumors**
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- LIII. **Screening of free radical scavenging capacity and antioxidant activities of Rosmarinus officinalis extracts with focus on location and harvesting times**
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- LIV. **Aflatoxin levels in wheat samples consumed in some regions of Turkey**
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- LVI. **Assessment of aflatoxin M-1 levels in milk in Ankara, Turkey**
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- LVII. **Aflatoxin and ochratoxin in various types of commonly consumed retail ground samples in Ankara, Turkey**
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Articles Published in Other Journals

- I. **Safety and possible risks of tea tree oil from a toxicological perspective**
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- II. **Aflatoxin M1 Levels in Milk Samples Produced in the Northern Part of Cyprus Kıbrıs'ın Kuzeyinde Üretilen Süt Örneklerinde Aflatoksin M1 Düzeyleri**
Bereket C., Girgin G., Sahin G.
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- III. **Antioxidant Effects of Epigallocatechin Gallate in Cerulein-Induced Pancreatitis**
Karacaoğlu E., Girgin G., Selmanoğlu G., Baydar T.
European Journal of Biology, vol.78, no.2, pp.125-132, 2019 (Peer-Reviewed Journal)
- IV. **Bitkisel Ürünlerdeki Mikotoksin Kontaminasyonu: Dünya Ve Ülkemiz İçin Önemli Bir Tehdit**
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- V. **Influence of subacute melatonin treatment on antioxidant factors in the liver of female rats**
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- VII. **Antidot kavramlar ve sınıflamalar**
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- VIII. **Ex Vivo Effects of Turkish Propolis Extracts on Erythrocyte Superoxide dismutase and Catalase Activities**
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Mellifera, vol.8, no.15, pp.19-25, 2008 (Peer-Reviewed Journal)

Books

- I. **Yaşlılarda İlaç-Besin Etkileşimleri**
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in: GERİATRİK BİLİMLER, Yeşim Gökçe Kutsal, Banu Cangöz, Terken Baydar, Editor, Hacettepe Üniversitesi Basımevi, Ankara, pp.425-438, 2018

Papers Presented at Peer-Reviewed Scientific Conferences

- I. **Effect of Second-Hand Tobacco Smoke Exposure on Lung Functions of Children with Chronic Lung Disease**
Ozsezen B., EMİRALIOĞLU ORDUKAYA N., ADEMİHAN TURAL D., SABUNCUOĞLU S., GİRGİN G., SUNMAN B., Buyuksahin H. N., GÜZELKAŞ İ., Alboga D., Yalcin E., et al.
Annual congress of the European-Respiratory-Society (ERS), Milan, Italy, 9 - 13 September 2023, (Summary Text)
- II. **Assessment of Antioxidant and Cytotoxic Activity of Known Antioxidants Compared to Neopterin**
GİRGİN G., SABUNCUOĞLU S., ünal a. z., BAYDAR T.
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- III. **Comparison of Radical Scavenging and Cytotoxic Activities of Well-Known Non-Enzymatic Antioxidants**
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- IV. **Assessment of antioxidant and cytotoxic activity of known antioxidants compared to neopterin**
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- V. **An Extraordinary Approach: Detection of Neopterin in Tear**
KILIÇARSLAN B., GİRGIN G., CARDAK A., EVREN KEMER Ö., BAYDAR T.
2nd International Gazi Pharma Symposium Series (GPSS-2017), 11 - 13 October 2017, pp.196, (Summary Text)
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Publication: 103

Citation (WoS): 849

Citation (Scopus): 992

H-Index (WoS): 17

H-Index (Scopus): 17