

## **Prof. Dr. GÖZDE GİRGİN**

### **Kişisel Bilgiler**

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### **Eğitim Bilgileri**

Doktora, Hacettepe Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmasötik Toksikoloji, Türkiye 2003 - 2009

Yüksek Lisans, Hacettepe Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmasötik Toksikoloji, Türkiye 2000 - 2003

Lisans, Hacettepe Üniversitesi, Eczacılık Fakültesi, Türkiye 1995 - 2000

### **Yabancı Diller**

İngilizce, C1 İleri

### **Yaptığı Tezler**

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

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

### **Araştırma Alanları**

Sağlık Bilimleri, Eczacılık, Meslek Bilimleri, Farmasötik Toksikoloji

### **Akademik Unvanlar / Görevler**

Doç. Dr., Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2014 - Devam Ediyor

Öğretim Görevlisi, Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2009 - 2013

Araştırma Görevlisi, Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2000 - 2009

### **SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler**

- I. **The relationship between lung function, exercise capacity, oxidant and antioxidant response in primary ciliary dyskinesia and cystic fibrosis**

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- II. **Synthesis and Tyrosinase Inhibitory Activity of Novel Benzimidazole/Thiazolidin-4-one Hybrid**

## **Derivatives**

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- III. **Verification studies of tryptophan and kynurenine determination using HPLC and evaluation of the kynurenine pathway and neopterin levels in human colostrum samples**  
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- IV. **Effect of NB-UVB therapy on IL-6 and neopterin levels in patients with psoriasis**  
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- V. **Mercury exposure, neopterin profile, and tryptophan degradation in dental technicians**  
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- VI. **A Comparison of Cystic Fibrosis and Primary Ciliary Dyskinesia Patients with Healthy Controls in Terms of Anaerobic Hemodynamics**  
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- VII. **The Effects of COVID-19 on Oxidative Stress and Antioxidant Defense Mechanism in Children**  
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- VIII. **Neopterin and biopterin levels and tryptophan degradation in patients with diabetes**  
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- IX. **Evaluation of isoindole derivatives: Antioxidant potential and cytotoxicity in the HT-29 colon cancer cells**  
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- X. **The increased neopterin content in turkish pediatric patients with sickle cell anemia**  
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- XI. **Evaluation of oxidative stress and antioxidant parameters in children with carbon monoxide poisoning**  
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- XII. **Mycotoxin detection in maize, commercial feed, and raw dairy milk samples from Assiut City, Egypt**  
Abdallah M. F., Girgin G., Baydar T.  
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- XIII. **Neopterin Levels and Indoleamine 2,3-Dioxygenase Activity as Biomarkers of Immune System Activation and Childhood Allergic Diseases**  
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- XIV. **Tryptophan Degradation and Antioxidant Status in Patients With Thyroid Disorders**  
Unuvar S., GİRGIN G., Sahin T. T., KILIÇARSLAN B., Taneri F., Yüksel O., BAYDAR T.  
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- XV. **Occurrence of multiple mycotoxins and other fungal metabolites in animal feed and maize samples from Egypt using LC-MS/MS**  
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- XVI. **Possible changes of New-Generation inflammation markers with occupational lead exposure**  
Sipahi H., GİRGIN G., Palabıyık S. S., Tutkun E., Yılmaz O. H., BAYDAR T.

- JOURNAL OF OCCUPATIONAL HEALTH, cilt.59, sa.4, ss.345-351, 2017 (SCI-Expanded)
- XVII. **A New Diagnostic and Prognostic Marker in Endometrial Cancer: Neopterin**  
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- XVIII. **Neopterin Release and Tryptophan Degradation in Patients with Uveitis**  
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- XIX. **Detection of neopterin in tear samples**  
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- XX. **Folate, neopterin and kynurenine pathway in patients with statin therapy**  
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- XXI. **Low indoleamine 2,3-dioxygenase activity in persistent food allergy in children**  
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- XXII. **A NEW PROGNOSTIC MARKER IN ENDOMETRIAL CANCER: NEOPTERIN**  
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- XXIII. **Occurrence, Prevention and Limitation of Mycotoxins in Feeds**  
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- XXIV. **Aflatoxin M1 and ochratoxin A levels in breast milk in Ankara, Turkey**  
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- XXV. **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., GİRGİN G., Baydar M.  
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- XXVI. **Possible effects of lycopene and silymarin on rat liver functions and oxidative stress markers**  
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- XXVII. **Evaluation of dihydropteridine reductase activities in patients with kidney failure**  
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- XXVIII. **IMMUNOMODULATION AND OXIDATIVE STRESS IN DENIM SANDBLASTING WORKERS: CHANGES CAUSED BY SILICA EXPOSURE**  
 Palabıyık S. S., GİRGİN G., Tutkun E., Yilmaz O. H., BAYDAR T.  
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- XXIX. **Spot analyses of serum neopterin, tryptophan and kynurenine levels in a random group of blood donor population**  
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- XXX. **Tryptophan degradation and neopterin levels by aging**  
 Sipahi H., GİRGİN G., Inanici F., Ariogul S., Sahinb G., BAYDAR T.  
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- XXXI. **A Pilot Study on Neopterin Levels and Tryptophan Degradation in Zinc-Exposed Galvanization Workers**

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- XXXII. **Evaluation of Tetrahydrobiopterin Pathway in Operating Room Workers: Changes in Biopterin Status and Tryptophan Metabolism**  
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- XXXIII. **Toxic Metals in Breast Milk Samples from Ankara, Turkey: Assessment of Lead, Cadmium, Nickel, and Arsenic Levels**  
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- XXXIV. **Evaluation of Serum and Urinary Levels of some Pteridine Pathway Components in Healthy Turkish Children**  
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- XXXV. **Effects of Inhalation Anesthetics on the Profile of Urinary Neopterin as an Immune Marker in Patients who Underwent Laparoscopic Cholecystectomy**  
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- XXXVI. **Tryptophan degradation and serum neopterin concentrations in intensive care unit patients**  
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- XXXVIII. **Urinary Biopterin Levels and Blood Dihydropteridine Reductase Activities in Patients with Thyroid and Breast Disorders**  
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- XXXIX. **Aflatoxin M1 levels in breast milk samples from Ankara, Turkey**  
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- XL. **Ochratoxin A: is it present in breast milk samples obtained from mothers from Ankara, Turkey?**  
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- XLI. **Is There any Alteration in Erythrocyte Folate Status in Patients with Thyroid and Breast Cancers?**  
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- XLII. **Exposure of newborns to aflatoxin M-1 and B-1 from mothers' breast milk in Ankara, Turkey**  
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- XLIII. **Immune system modulation in patients with malignant and benign breast disorders: tryptophan degradation and serum neopterin**  
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- XLIV. **Neopterin as a prognostic biomarker in intensive care unit patients**  
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- XLV. **Immunomodulatory effects of Turkish propolis: Changes in neopterin release and tryptophan degradation**

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- XLVI. Is neopterin level a predictive and differential biomarker in patients with thyroid disorders?**  
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- XLVII. Preventive effect of aminoguanidine compared to vitamin E and C on cisplatin-induced nephrotoxicity in rats**  
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- XLVIII. 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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- XLIX. Neopterin, catalase and superoxide dismutase in females with benign and malignant breast tumors**  
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- L. Screening of free radical scavenging capacity and antioxidant activities of Rosmarinus officinalis extracts with focus on location and harvesting times**  
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- LI. Aflatoxin levels in wheat samples consumed in some regions of Turkey**  
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- LII. Preventive effect of aminoguanidine on cisplatin-induced nephrotoxicity in rats - Comparison to Vitamins E and C**  
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- LIII. Assessment of aflatoxin M-1 levels in milk in Ankara, Turkey**  
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- LIV. Aflatoxin and ochratoxin in various types of commonly consumed retail ground samples in Ankara, Turkey**  
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## Düger Dergilerde Yayınlanan Makaleler

- 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.  
 Akademik Gida, cilt.21, sa.2, ss.132-140, 2023 (Scopus)
- III. Antioxidant Effects of Epigallocatechin Gallate in Cerulein-Induced Pancreatitis**  
 Karacaoğlu E., Girgin G., Selmanoğlu G., Baydar T.  
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- 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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- VIII. **Ex Vivo Effects of Turkish Propolis Extracts on Erythrocyte Superoxide dismutase and Catalase Activities**  
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## Kitap & Kitap Bölümleri

- I. **Yaşlılarda İlaç-Besin Etkileşimleri**  
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## Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Effect of Second-Hand Tobacco Smoke Exposure on Lung Functions of Children with Chronic Lung Disease**  
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- 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**  
SABUNCUOĞLU S., ünal a. z., GİRGİN G.  
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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**  
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- VI. **Karbonmonoksit zehirlenmesi olan çocukların oksidan ve antioksidan parametrelerinin değerlendirilmesi**  
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- VII. **Cholesterol oxidation in lead exposure**  
SABUNCUOĞLU S., Samadi A., Karacan Dinçer A., LAY İ., Nadir Özış T., GİRGİN G., ER ÖZTAŞ Y.  
European Network for Oxysterol Research, 21 - 22 Eylül 2017
- VIII. **CHOLESTEROL OXIDATION IN LEAD EXPOSURE**

- SABUNCUOĞLU S., samadi a., Karacan Dincer a., LAY İ., öziş t. n., GİRGİN G., ER ÖZTAŞ Y.  
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- IX. **Cholesterol oxidation in lead exposure. ENOR 7th Symposium. Cholesterol oxidation in lead exposure.**  
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- X. **Changes of inflammation markers with occupational lead exposure**  
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36th International Winter Workshop Clinical, Chemical and Biochemical Aspects of Pteridines and Related Topics,  
Innsbruck, Avusturya, 21 - 24 Şubat 2017, cilt.28
- XI. **Evaluation of urinary neopterin levels in children with carbon monoxide poisoning**  
GİRGİN G., SABUNCUOĞLU S., TEKŞAM Ö., ÖZGÜNEŞ H., BAYDAR T.  
36th International Winter Workshop of Pteridines, 21 Şubat - 24 Ocak 2017, cilt.28
- XII. **Altered neopterin levels in sickle cell anemia**  
SABUNCUOĞLU S., GİRGİN G., YALÇINKAYA A., ER ÖZTAŞ Y., ÜNAL S., BAYDAR T.  
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- XIII. **Evaluation of urinary neopterin levels in children with carbon monoxide poisoning**  
GİRGİN G., SABUNCUOĞLU S., TEKŞAM Ö., ÖZGÜNEŞ H., BAYDAR T.  
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- XIV. **LC MS MS based multi mycotoxin analysis in commercial feed and maize samples from Egypt**  
GİRGİN G., Abdallah M., Krska R., Sulyok M., BAYDAR T.  
52nd Congress of the European Societies of Toxicology (EUROTOX), Sevilla, İspanya, 4 - 07 Eylül 2016, cilt.258,  
ss.162
- XV. **Multi mycotoxins occurrence in maize and animal feed from Assiut Governorate Egypt**  
ABDALLAH M. F., KILIÇARSLAN B., GİRGİN G., BAYDAR T.  
5. International Symposium on Mycotoxins and Toxigenic Moulds: Challenges and Perspectives, Ghent, Belçika, 11  
Mayıs 2016
- XVI. **Multi mycotoxin occurrence in maize and animal feed from Assiut Governorate Egypt**  
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5th International Symposium on Mycotoxins and Toxigenic Molds: Challenges and Perspectives (MYTOX), 11 Mayıs  
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- XVII. **Determination of aflatoxin M1 in raw milk samples from Assiut city, Egypt**  
ABDALLAH M. F., KILIÇARSLAN B., GİRGİN G., BAYDAR T.  
38th Mycotoxin Workshop, Berlin, Almanya, 2 - 04 Mayıs 2016
- XVIII. **Evaluation of cytotoxicity of new cantharimide derivatives on human colon cancer cell line HT-29**  
SUЛОГLU A. K., KANAT O. N., GİRGİN G., KARA Y., SELMANOĞLU G., BAYDAR T.  
51st Congress of the European-Societies-of-Toxicology (EUROTOX), Porto, Portekiz, 13 - 16 Eylül 2015, cilt.238
- XIX. **Evaluation of cytotoxicity of new cantharimide derivatives on human colon cancer line HT 29**  
KILIÇ SUЛОГLU A., Kanat O., GİRGİN G., KARA Y., SELMANOĞLU G., BAYDAR T.  
51st Congress of the European Societies of Toxicology (EUROTOX), Porto, Portekiz, 13 - 16 Eylül 2015, cilt.238,  
ss.240-241
- XX. **Preliminary Investigation of Subacute Melatonin Treatment on Rats**  
ABDALLAH M. F., KARACAOĞLU E., KILIÇARSLAN B., GİRGİN G., SELMANOĞLU G., BAYDAR T.  
11. International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Türkiye, 9 - 12 Haziran 2015
- XXI. **Effect of occupational mercury exposure on neopterin profile and tryptophan degradation in dental technicians**  
GİRGİN G., Tutkun E., ÜNÜVAR S., PALABIYIK Ş. S., Yılmaz O. H., BAYDAR T.  
34th International Winter Workshop Clinical, Chemical and Biochemical Aspects of Pteridines and Related Topics,  
24 - 27 Şubat 2015, cilt.26
- XXII. **Effect of Occupational Zinc Exposure on Erythrocyte Folate Levels**  
KILIÇARSLAN B., PALABIYIK Ş. S., GİRGİN G., BAYDAR T.

33rd Winterworkshop on Clinical, Chemical and Biochemical Aspects of Pteridines, Avusturya, 25 - 28 Şubat 2014

**XXIII. The role of indoleamine 2,3-dioxygenase (IDO) gene polymorphisms and tryptophan/kynurenine pathway in food allergic and tolerant children**

Buyuktiryaki B., ŞAHİNER Ü. M., GİRGİN G., Cavkaytar O., YILMAZ A., YAVUZ S., ÇETİN C., BİR BEN E., BAYDAR T., TUNCER A., et al.

World Allergy and Asthma Congress of the European-Academy-of-Allergy-and-Clinical-Immunology and World-Allergy-Organization, Milan, İtalya, 22 - 26 Haziran 2013, cilt.68, ss.7-8

**XXIV. Effects of lycopene and silymarin on antioxidant status in rat liver**

GİRGİN G., Baydar T., Kılıç A., Selmanoglu G., Sahin G.

48th Congress of the European-Societies-of-Toxicology (EUROTOX), Stockholm, İsveç, 17 - 20 Haziran 2012, cilt.211

**XXV. Neopterin as a predictive biomarker in bitumen workers**

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**XXVI. Assesment of lead cadmium nickel and arsenic levels in breast milk samples from Ankara Turkey**

GÜRBAY A., CHAREHSAZ M., EKEN A., GİRGİN G., YURDAKÖK M., YİĞİT Ş., AYDIN A.

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**XXVII. Assessment of lead, cadmium, nickel and arsenic levels in breast milk samples from Ankara, Turkey**

GÜRBAY A., Charehsaz M., Eken A., Sayal A., GİRGİN G., YURDAKÖK M., YİĞİT Ş., Aydin A.

47th Congress of the European-Societies-of-Toxicology, Paris, Fransa, 28 - 31 Ağustos 2011, cilt.205

**XXVIII. Erythrocyte Folate LEVELS IN PATIENTS ON Hemodialysis**

Palabıyık S. S., GİRGİN G., BAYDAR T., Cetinkaya R., Sahin G.

9th International Meeting of the International-Society-for-the-Study-of-Xenobiotics(ISSX), İstanbul, Türkiye, 4 - 08 Eylül 2010, cilt.42, ss.222

**XXIX. Does lycopene play a protective role in low dose aflatoxin B1 induced hepatotoxicity in rats**

BAYDAR T., GİRGİN G., SELMANOĞLU G., KARACAOĞLU E., KILIÇ SÜLOĞLU A., BALCI S., ŞAHİN G.

32th Mycotoxin Workshop, 14 - 20 Haziran 2010

**XXX. Does lycopene play a protective role in low dose aflatoxin B1 induced hepatotoxicity in rats**

BAYDAR T., GİRGİN G., SELMANOĞLU G., KARACAOĞLU E., KILIÇ SÜLOĞLU A., BALCI S., ŞAHİN G.

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

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

XI. International IUPAC Symposium on Mycotoxins and Phycotoxins, Amerika Birleşik Devletleri, 17 - 21 Mayıs 2004, cilt.27, ss.68

## **Desteklenen Projeler**

SABUNCUOĞLU S., GİRGİN G., ER ÖZTAŞ Y., LAY İ., ÖZİŞ T. N., SAMADİ A., Yükseköğretim Kurumları Destekli Proje, Kurşun Maruziyetinin ve Şelasyon Tedavisinin Toksisiteyi Etkileyen Bazı Parametreler Üzerine Etkisi, 2017 - 2020

BAYDAR T., KILIÇARSLAN B., GİRGİN G., Yükseköğretim Kurumları Destekli Proje, Ptergium Hastalarında Pteridin ve İlişkili Yolakların Değerlendirilmesi, 2017 - 2018

GİRGİN G., Yükseköğretim Kurumları Destekli Proje, Karbon monoksit ile zehirlenen çocuklarda idrar neopterin düzeylerinin değerlendirilmesi, 2017 - 2017

GİRGİN G., Yükseköğretim Kurumları Destekli Proje, Toksikoloji Alanında Güncel Gelişmeler, 2016 - 2017

TEKİSAM Ö., SABUNCUOĞLU S., GİRGİN G., ÖZGÜNEŞ H., Yükseköğretim Kurumları Destekli Proje, KARBONMONOKSİT ZEHİRLENMESİ OLAN ÇOCUKLarda OKSİDAN VE ANTİOKSİDAN PARAMETRELERİN DEĞERLENDİRİLMESİ, 2016 - 2017

GİRGIN G., Yükseköğretim Kurumları Destekli Proje, Neopterin ve diğer Pteridin Türevleri ile İlgili Son Gelişmelerin İzlenmesi, 2016 - 2016

GİRGIN G., Yükseköğretim Kurumları Destekli Proje, İlaç ve Eczacılıkta Güncel Gelişmeler, 2015 - 2016

GİRGIN G., BAYDAR T., KILIÇARSLAN B., Yükseköğretim Kurumları Destekli Proje, Hayvan Yemleri ve Sütlerde Çeşitli Mikotoksin Düzeylerinin Saptanması, 2014 - 2016

SABUNCUOĞLU S., GİRGIN G., Yükseköğretim Kurumları Destekli Proje, 1,4 DİHİDROPİRİDİN TÜREVİ KALSİYUM KANAL BLOKÖRÜ BAZI MADDELERİN İN VİTRO RADİKAL SÜPÜRÜCÜ ETKİLERİNİN ARAŞTIRILMASI, 2015 - 2015

GİRGIN G., Yükseköğretim Kurumları Destekli Proje, 34. Uluslararası Pteridin Kış Çalıştayı'na Bilimsel Başarı Desteği ile Katılım, 2015 - 2015

## **Metrikler**

Yayın: 100

Atıf (WoS): 849

Atıf (Scopus): 988

H-İndeks (WoS): 17

H-İndeks (Scopus): 17