

## Assoc. Prof. Cihan GÜR



### Personal Information

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### International Researcher IDs

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### Education Information

Postgraduate, Ataturk University, Fen Bilimleri Enstitüsü, Biyoloji Anabilim Dalı, Turkey

2021 - Continues

Associate Degree, Anadolu University, Open Education Faculty, Department Of

Veterinary, Turkey 2017 - 2022

Doctorate, Ataturk University, Veteriner Fakültesi, Veteriner Hekimliği Temel Bilimleri,

Turkey 2014 - 2020

Postgraduate, Ataturk University, Veteriner Fakültesi, Biyokimya Anabilim Dalı, Turkey

2012 - 2014

Undergraduate, Karadeniz Technical University, Fen Fakültesi, Biyoloji Bölümü, Turkey

2007 - 2011

### Foreign Languages

English, B1 Intermediate

### Certificates, Courses and Trainings

Health&Medicine, DAYTAM Sertifikalı Hücre Kültürü Eğitimi - II, Doğu Anadolu Yüksek Teknoloji Uygulama ve Araştırma Merkezi, 2018

Health&Medicine, Deney Hayvanları Kullanım Sertifikası, T.C. GIDA TARIM VE HAYVANCILIK BAKANLIĞI, 2015

### Dissertations

Doctorate, Investigation of the Effects of Cetuximab, Cisplatin and Melatonin Combined Applications on P53, Mdm2, Kras, P21, P57, P27 Gene Expressions in Pancreatic Cancer Cells, Ataturk University, Sağlık Bilimleri Enstitüsü, Veteriner Biyokimya Anabilim Dalı Başkanlığı, 2020

Postgraduate, Akciğer Kanseri Hücre Hattında Cetuximab, Cisplatin ve Melatonin Uygulamalarının P53 Geni ve Apoptoz Aktivasyonu Üzerine Etkilerinin Araştırılması, Atatürk Üniversitesi, Veteriner Fakültesi, Biyokimya Anabilim Dalı, 2014

## Research Areas

Health Sciences, Veterinary Sciences, Veterinary Biochemistry, Natural Sciences

## Academic Titles / Tasks

Associate Professor, Ataturk University, Sağlık Hizmetleri Meslek Yüksekokulu, Tıbbi Hizmetler Ve Teknikler, 2024 - Continues

Research Assistant, Ataturk University, Veteriner Fakültesi, Veteriner Hekimliği Temel Bilimleri, 2015 - 2024

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

- I. **Effects of zingerone on rat induced testicular toxicity by sodium arsenite via oxidative stress, endoplasmic reticulum stress, inflammation, apoptosis, and autophagy pathways**  
Tuncer S. Ç., GÜR C., KÜÇÜKLER S., AKARSU S. A., Kandemir F. M.  
Iranian Journal of Basic Medical Sciences, vol.27, no.5, pp.603-610, 2024 (SCI-Expanded)
- II. **Protective effects of naringin against oxaliplatin-induced testicular damage in rats: Involvement of oxidative stress, inflammation, endoplasmic reticulum stress, apoptosis, and histopathology**  
Akaras N., Gur C., ÇAĞLAYAN C., KANDEMİR F. M.  
IRANIAN JOURNAL OF BASIC MEDICAL SCIENCES, vol.27, no.4, pp.466-474, 2024 (SCI-Expanded)
- III. **Sinapic acid protects against lead acetate-induced lung toxicity by reducing oxidative stress, apoptosis, inflammation, and endoplasmic reticulum stress damage**  
AKARAS N., KÜÇÜKLER S., GÜR C., İLERİTÜRK M., Kandemir F. M.  
ENVIRONMENTAL TOXICOLOGY, 2024 (SCI-Expanded)
- IV. **Protective effects of naringin on colistin-induced damage in rat testicular tissue: Modulating the levels of Nrf-2/HO-1, AKT-2/FOXO1A, Bax/Bcl2/Caspase-3, and Beclin-1/LC3A/LC3B signaling pathways**  
Kankılıç N. A., Şimşek H., Akaras N., GÜR C., İLERİTÜRK M., KÜÇÜKLER S., AKARSU S. A., Kandemir F. M.  
Journal of Biochemical and Molecular Toxicology, vol.38, no.2, 2024 (SCI-Expanded)
- V. **Carvacrol Reduces Mercuric Chloride-Induced Testicular Toxicity by Regulating Oxidative Stress, Inflammation, Apoptosis, Autophagy, and Histopathological Changes**  
Simsek H., GÜR C., KÜÇÜKLER S., İLERİTÜRK M., Akaras N., Oz M., KANDEMİR F. M.  
BIOLOGICAL TRACE ELEMENT RESEARCH, 2023 (SCI-Expanded)
- VI. **Effect of syringic acid on oxidative stress, autophagy, apoptosis, inflammation pathways against testicular damage induced by lead acetate.**  
AKARSU S. A., GÜR C., İLERİTÜRK M., Akaras N., KÜÇÜKLER S., Kandemir F. M.  
Journal of Trace Elements in Medicine and Biology, vol.80, 2023 (SCI-Expanded)
- VII. **Effects of sinapic acid on lead acetate-induced oxidative stress, apoptosis and inflammation in testicular tissue**  
Tuncer S. Ç., Akarsu S. A., Küçükler S., Gür C., Kandemir F. M.  
ENVIRONMENTAL TOXICOLOGY, vol.38, no.11, pp.2656-2667, 2023 (SCI-Expanded)
- VIII. **Effects of chrysin in cadmium-induced testicular toxicity in the rat; role of multi-pathway regulation**  
Tuncer S. Ç., KÜÇÜKLER S., GÜR C., Aygörmez S., Kandemir F. M.  
Molecular Biology Reports, vol.50, no.10, pp.8305-8318, 2023 (SCI-Expanded)
- IX. **Protective effects of zingerone against sodium arsenite-induced lung toxicity: A multi-biomarker approach**  
Şimşek H., Küçükler S., Gür C., İleritürk M., Aygörmez S., Kandemir F. M.  
Iranian Journal of Basic Medical Sciences, vol.26, no.9, pp.1098-1106, 2023 (SCI-Expanded)
- X. **Protective effects of sinapic acid against lead acetate-induced nephrotoxicity: a multi-biomarker approach**  
Simsek H., Kucukler S., GÜR C., Akaras N., Kandemir F. M.

- XI. **The protective effects of chrysin on cadmium-induced pulmonary toxicity; a multi-biomarker approach**  
Akaras N., İleritürk M., Gür C., Küçükler S., Oz M., Kandemir F. M.  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.30, no.38, pp.89479-89494, 2023 (SCI-Expanded)
- XII. **Beneficial effects of Chrysin on Cadmium-induced nephrotoxicity in rats: Modulating the levels of Nrf2/HO-1, RAGE/NLRP3, and Caspase-3/Bax/Bcl-2 signaling pathways**  
Şimşek H., Akaras N., GÜR C., KÜÇÜKLER S., Kandemir F. M.  
Gene, vol.875, 2023 (SCI-Expanded)
- XIII. **Carvacrol reduces abnormal and dead sperm counts by attenuating sodium arsenite-induced oxidative stress, inflammation, apoptosis, and autophagy in the testicular tissues of rats**  
GÜR C., AKARSU S. A., AKARAS N., TUNCER S. Ç., Kandemir F. M.  
ENVIRONMENTAL TOXICOLOGY, vol.38, no.6, pp.1265-1276, 2023 (SCI-Expanded)
- XIV. **Morin ameliorates methotrexate-induced hepatotoxicity via targeting Nrf2/HO-1 and Bax/Bcl2/Caspase-3 signaling pathways**  
Kızıl H. E., ÇAĞLAYAN C., Darendelioğlu E., Ayna A., GÜR C., Kandemir F. M., KÜÇÜKLER S.  
Molecular Biology Reports, vol.50, no.4, pp.3479-3488, 2023 (SCI-Expanded)
- XV. **Zingerone reduces sodium arsenite-induced nephrotoxicity by regulating oxidative stress, inflammation, apoptosis and histopathological changes**  
Akaras N., GÜR C., KÜÇÜKLER S., Kandemir F. M.  
Chemico-Biological Interactions, vol.374, 2023 (SCI-Expanded)
- XVI. **Molecular and biochemical investigation of the protective effects of rutin against liver and kidney toxicity caused by malathion administration in a rat model**  
Gur C., Kandemir F. M.  
ENVIRONMENTAL TOXICOLOGY, vol.38, no.3, pp.555-565, 2023 (SCI-Expanded)
- XVII. **Contribution of Oxidative Stress, Apoptosis, Endoplasmic Reticulum Stress and Autophagy Pathways to the Ameliorative Effects of Hesperidin in NaF-Induced Testicular Toxicity**  
Emre Kızıl H., GÜR C., Ayna A., Darendelioğlu E., KÜÇÜKLER S., Sağ S.  
Chemistry and Biodiversity, vol.20, no.3, 2023 (SCI-Expanded)
- XVIII. **Oxidative stress parameters in dogs naturally infected with sarcoptic mange**  
Yanar K. E., Küçükler S., Eren E., Eroğlu M. S., Gür C., Aktaş M. S.  
REVISTA COLOMBIANA DE CIENCIAS PECUARIAS, vol.36, no.4, pp.172-180, 2023 (SCI-Expanded)
- XIX. **Effects of Bromelain on Growth Performance, Biochemistry, Antioxidant Metabolism, Meat Quality, and Intestinal Morphology of Broilers**  
YENİCE G., ATASEVER M., Kara A., ÖZKANLAR S., URÇAR GELEN S., İskender H. A., GÜR C., GEDİKLİ S.  
Brazilian Archives of Biology and Technology, vol.66, 2023 (SCI-Expanded)
- XX. **Morin provides therapeutic effect by attenuating oxidative stress, inflammation, endoplasmic reticulum stress, autophagy, apoptosis, and oxidative DNA damage in testicular toxicity caused by ifosfamide in rats.**  
Cakmak F., Kucukler S., Gur C., Comakli S., Ileritürk M., Kandemir F. M.  
Iranian journal of basic medical sciences, vol.26, no.10, pp.1227-1236, 2023 (SCI-Expanded)
- XXI. **Chrysin mitigates diclofenac-induced hepatotoxicity by modulating oxidative stress, apoptosis, autophagy and endoplasmic reticulum stress in rats**  
Varışlı B., Çağlayan C., Kandemir F. M., Gür C., Ayna A., Genç A., Taysı S.  
MOLECULAR BIOLOGY REPORTS, vol.50, no.1, pp.433-442, 2023 (SCI-Expanded)
- XXII. **The impact of Nrf2/HO-1, caspase-3/Bax/Bcl2 and ATF6/IRE1/PERK/GRP78 signaling pathways in the ameliorative effects of morin against methotrexate-induced testicular toxicity in rats**  
Varisli B., Çağlayan C., Kandemir F. M., GÜR C., Bayav I., Genc A.  
MOLECULAR BIOLOGY REPORTS, vol.49, no.10, pp.9641-9649, 2022 (SCI-Expanded)
- XXIII. **Chemopreventive effects of hesperidin against paclitaxel-induced hepatotoxicity and nephrotoxicity via amendment of Nrf2/HO-1 and caspase-3/Bax/Bcl-2 signaling pathways**

- GÜR C., Kandemir F. M., Caglayan C., Satıcı E.  
Chemico-Biological Interactions, vol.365, 2022 (SCI-Expanded)
- XXIV. **Neuroprotective effects of 18 beta-glycyrrhetic acid against bisphenol A-induced neurotoxicity in rats: involvement of neuronal apoptosis, endoplasmic reticulum stress and JAK1/STAT1 signaling pathway**  
ÇAĞLAYAN C., Kandemir F. M., AYNA A., GÜR C., KÜÇÜKLER S., DARENDELİOĞLU E.  
METABOLIC BRAIN DISEASE, vol.37, no.6, pp.1931-1940, 2022 (SCI-Expanded)
- XXV. **Rutin protects rat liver and kidney from sodium valproate-induced damage by attenuating oxidative stress, ER stress, inflammation, apoptosis and autophagy**  
KANDEMİR F. M., İLERİTÜRK M., GÜR C.  
MOLECULAR BIOLOGY REPORTS, vol.49, no.7, pp.6063-6074, 2022 (SCI-Expanded)
- XXVI. **Neuromodulatory effects of hesperidin against sodium fluoride-induced neurotoxicity in rats: Involvement of neuroinflammation, endoplasmic reticulum stress, apoptosis and autophagy**  
Yildiz M. O., Celik H., ÇAĞLAYAN C., Kandemir F. M., GÜR C., Bayav I., Genc A., Kandemir O.  
NEUROTOXICOLOGY, vol.90, pp.197-204, 2022 (SCI-Expanded)
- XXVII. **Investigation of the effects of berberine on bortezomib-induced sciatic nerve and spinal cord damage in rats through pathways involved in oxidative stress and neuro-inflammation**  
Yardim A., Gür C., Çomaklı S., Özdemir S., Küçükler S., Celik H., Kandemir F. M.  
NEUROTOXICOLOGY, vol.89, pp.127-139, 2022 (SCI-Expanded)
- XXVIII. **Investigation of the effects of hesperidin administration on abamectin-induced testicular toxicity in rats through oxidative stress, endoplasmic reticulum stress, inflammation, apoptosis, autophagy, and JAK2/STAT3 pathways**  
Gür C., Kandemir O., Kandemir F. M.  
ENVIRONMENTAL TOXICOLOGY, vol.37, no.3, pp.401-412, 2022 (SCI-Expanded)
- XXIX. **Evaluation of oxidative stress, inflammation, apoptosis, oxidative DNA damage and metalloproteinases in the lungs of rats treated with cadmium and carvacrol**  
Yesildag K., GÜR C., İLERİTÜRK M., KANDEMİR F. M.  
MOLECULAR BIOLOGY REPORTS, vol.49, no.2, pp.1201-1211, 2022 (SCI-Expanded)
- XXX. **Evaluation of Therapeutic Effects of Quercetin Against Achilles Tendinopathy in Rats via Oxidative Stress, Inflammation, Apoptosis, Autophagy, and Metalloproteinases**  
Semis H. S., Gür C., İleritürk M., Kandemir F. M., Kaynar Ö.  
AMERICAN JOURNAL OF SPORTS MEDICINE, vol.50, no.2, pp.486-498, 2022 (SCI-Expanded)
- XXXI. **Investigation of the anti-inflammatory effects of caffeic acid phenethyl ester in a model of lambda-Carrageenan-induced paw edema in rats**  
Semis H. S., Gür C., İleritürk M., Kaynar O., Kandemir F. M.  
HUMAN & EXPERIMENTAL TOXICOLOGY, vol.40, no.12\_SUPPL, 2021 (SCI-Expanded)
- XXXII. **Effects of photoperiod on thyroid gland development and function in growing chicks: a biochemical and morphometric study**  
ÖZKANLAR S., KARA H., GÜR C., GEDİKLİ S., Kara A., Ozudogru Z., ÖZDEMİR D., Kurt N.  
ANIMAL PRODUCTION SCIENCE, vol.61, no.16, pp.1652-1658, 2021 (SCI-Expanded)
- XXXIII. **Morin protects against acrylamide-induced neurotoxicity in rats: an investigation into different signal pathways**  
GÜR C., KANDEMİR F. M., DARENDELİOĞLU E., ÇAĞLAYAN C., KÜÇÜKLER S., Kandemir O., İLERİTÜRK M.  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.28, no.36, pp.49808-49819, 2021 (SCI-Expanded)
- XXXIV. **Protective Effects of Chrysin Against Oxidative Stress and Inflammation Induced by Lead Acetate in Rat Kidneys: a Biochemical and Histopathological Approach**  
Küçükler S., Benzer F., Yıldırım S., Gür C., Kandemir F. M., Bengü A. S., Ayna A., Caglayan C., Dortbudak M. B.  
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.199, no.4, pp.1501-1514, 2021 (SCI-Expanded)
- XXXV. **Quercetin provides protection against the peripheral nerve damage caused by vincristine in rats by suppressing caspase 3, NF-κB, ATF-6 pathways and activating Nrf2, Akt pathways**  
Yardim A., KANDEMİR F. M., ÖZDEMİR S., KÜÇÜKLER S., ÇOMAKLI S., GÜR C., Celik H.

NeuroToxicology, vol.81, pp.137-146, 2020 (SCI-Expanded)

- XXXVI. **Lycopene protects against central and peripheral neuropathy by inhibiting oxaliplatin-induced ATF-6 pathway, apoptosis, inflammation and oxidative stress in brains and sciatic tissues of rats**

Celik H., Küçükler S., Özdemir S., Çomaklı S., Gür C., Kandemir F. M., Yardim A.

NeuroToxicology, vol.80, pp.29-40, 2020 (SCI-Expanded)

- XXXVII. **Protective effect of rutin on mercuric chloride-induced reproductive damage in male rats**

Kandemir F. M., Caglayan C., Aksu E. H., Yildirim S., Kucukler S., Gur C., Eser G.

Andrologia, vol.52, no.3, 2020 (SCI-Expanded)

- XXXVIII. **Therapeutic effects of silymarin and naringin on methotrexate-induced nephrotoxicity in rats: Biochemical evaluation of anti-inflammatory, antiapoptotic, and antiautophagic properties**

Kandemir F. M., Kucukler S., Caglayan C., Gür C., Batıl A. A., Gülçin İ.

Journal of Food Biochemistry, vol.41, 2017 (SCI-Expanded)

- XXXIX. **The protective effect of quercetin on cyclophosphamide-Induced lung toxicity in rats.**

Şengül E., Gelen V., Gedikli S., Özkanlar S., Gür C., Çelebi F., Çınar A.

Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie, vol.92, pp.303-307, 2017 (SCI-Expanded)

- XL. **Therapeutic effect of quercetin on renal function and tissue damage in the obesity induced rats**

Gelen V., Şengül E., Gedikli S., Gür C., Özkanlar S.

BIOMEDICINE & PHARMACOTHERAPY, vol.89, pp.524-528, 2017 (SCI-Expanded)

- XLI. **Therapeutic Effects of Melatonin On Liver And Kidney Damages In Intensive Exercise Model of Rats.**

Gedikli S., Gelen V., Sengul E., Ozkanlar S., Gur C., Agirbas O., Cakmak F., Kara A.

Endocrine, metabolic & immune disorders drug targets, vol.15, pp.308-14, 2015 (SCI-Expanded)

## Articles Published in Other Journals

- I. **PROTECTIVE EFFECT OF HESPERIDIN ON OXIDATIVE STRESS, INFLAMMATION AND APOPTOSIS IN ABAMECTIN-INDUCED GASTRIC TOXICITY**  
TUNCER S. Ç., GÜR C., ŞİMŞEK H., KANDEMİR F. M.  
Kocatepe Tıp Dergisi, vol.25, 2024 (Peer-Reviewed Journal)
- II. **Protective Effect of Morin Hydrate in Ischemia/Reperfusion Injury of Rat Skeletal Muscle**  
Semiş H. S., İleritürk M., Gür C., Kandemir F. M., Kaynar Ö.  
Fırat Üniversitesi Sağlık Bilimleri Veteriner Dergisi, vol.37, no.3, pp.168-180, 2023 (Peer-Reviewed Journal)
- III. **Anti-oxidant, Anti-inflammatory, and Anti-apoptotic Effects of Rutin in Spleen Toxicity Induced by Sodium Valproate in Rats**  
AKARAS N., KANDEMİR F. M., Simsek H., GÜR C., AYGÖRMEZ S.  
Türk Doğa ve Fen Dergisi, vol.12, no.2, pp.138-144, 2023 (Peer-Reviewed Journal)
- IV. **Oksaliplatin ve Naringin'in Dalak Dokusu Üzerine Etkilerinin Rat Modelinde Değerlendirilmesi**  
GÜR C., KANDEMİR F. M.  
Laboratuvar Hayvanları Bilimi ve Uygulamaları Dergisi, vol.2, no.2, pp.72-80, 2022 (Peer-Reviewed Journal)
- V. **The Effects of Quercetin Administration on Heart Tissue and Serum Parameters in the Rats with Experimental Obesity**  
Gür C., Özkanlar S., Gedikli S., Şengül E., Gelen V., Kara A.  
Eurasian Journal of Molecular and Biochemical Sciences, vol.1, no.1, pp.16-21, 2022 (Peer-Reviewed Journal)
- VI. **Ratlarda diklofenak ile indüklenen kardiyotoksikite üzerine krisinin etkilerinin oksidatif stres, endoplazmik retikulum stresi ve apoptoz belirteçleri ile değerlendirilmesi**  
Gür C., Kandemir Ö., Kandemir F. M.  
Kocatepe Veterinary Journal, vol.15, no.2, pp.151-160, 2022 (Peer-Reviewed Journal)
- VII. **Investigating Potential Protective Effects of Rutin against Deltamethrin-Induced Spleen Toxicity in Rats through Oxidative Stress, Apoptosis and Inflammation Markers Ratlarda Deltamethrin'in Neden Oldugu Dalak Toksikitesine Karşı Rutin'in Potansiyel Koruyucu Etkilerinin Oksidatif Stres, Apoptoz ve**

### **İnflamasyon Belirteçleri Üzerinden Araştırılması**

GÜR C., Genç A., Kandemir Ö.

Atatürk Üniversitesi Veteriner Bilimleri Dergisi, vol.17, no.1, pp.6-10, 2022 (Scopus)

### **VIII. Melatonin Enhances the Chemosensitivity of Pancreatic Carcinoma Cells (PANC-1) to Cisplatin and Cetuximab through modulation of p21, p27, p53, p57, MDM2 and KRAS Genes**

GÜR C., ÖZKANLAR S.

Türk Doğa ve Fen Dergisi, vol.10, 2021 (Peer-Reviewed Journal)

### **IX. Bortezomib ile Kalp Hasarı Oluşturulan Ratlarda Berberinin Oksidatif ve Nitrozatif Stres Üzerine Etkisi**

Gür C., Kandemir F. M., Genç A.

Türk Doğa ve Fen Dergisi, vol.9, no.2, pp.118-126, 2020 (Peer-Reviewed Journal)

### **X. Preventive effects of quercetin on liver damages in high-fat diet-induced obesity**

Gedikli S., Özkanlar S., Gür C., Şengül E., Gelen V.

Journal of Histology and Histopathology, vol.4, no.1, pp.7, 2017 (Peer-Reviewed Journal)

### **XI. BALB C BDNF Homozigot ve BDNF Heterozigot Transgenik Farelerde Glukoz Lipid ve Protein Parametrelerinin Karşılaştırılması**

ÖZKANLAR S., ABİDİN İ., AKTAŞ M. S., EROL H. S., GÜR C., ULAŞ N., POLAT H.

Atatürk Üniversitesi Veteriner Bilimleri Dergisi, vol.11, pp.47-53, 2016 (Scopus)

## **Refereed Congress / Symposium Publications in Proceedings**

### **I. Biochemical Evaluation of Anti-Inflamatuvar, Anti-Apoptotic And Anti-Otophagic Properties Of Silimarine And Naringin on Methodrexate-Induced Nephrotoxicity in Rats.**

KANDEMİR F. M., KÜÇÜKLER S., ÇAĞLAYAN C., GÜR C., BATIL a., GÜLÇİN İ.

Uluslararası Gıda Tarım ve Hayvancılık Kongresi, 19 - 22 October 2019

### **II. Ratlarda, Metotreksat ile İndüklenen Nefrotoksisite Üzerine, Silimarin ve Naringinin Anti-Oksidan, Anti-Enflamatuvar, Anti-Apoptotik ve Anti-Otofajik Özelliklerinin Biyokimyasal Olarak Değerlendirilmesi**

KANDEMİR F. M., KÜÇÜKLER S., ÇAĞLAYAN C., GÜR C., BATIL A. A., GÜLÇİN İ.

ULUSLARARASI GIDA, TARIM VE HAYVANCILIK KONGRESİ, Gaziantep, Turkey, 19 - 22 September 2019

### **III. The Effects of Bromelain Supplementation into the Broiler Rasion on Liver Tissues**

ÖZKANLAR S., YENİCE G., GÜR C., GEDİKLİ S.

1st INTERNATIONAL GAP AGRICULTURE AND LIVESTOCK CONGRESS, 25 - 27 April 2018

### **IV. General Evaluation of Cytokine Response in Sepsis**

ÖZKANLAR S., GÜR C.

1. INTERNATIONAL GAP AGRICULTURE LIVESTOCK CONGRESS, 25 - 27 April 2018, pp.452

### **V. THE EFFECTS ON THE P53 AND MDM2 GENE EXPRESSION LEVELS OF MELATONIN, CISPLATIN AND CETUXIMAB APPLICATIONS TO THE CELL LINE OF PANCREAS CANCER (PANC-1)**

GÜR C., ÖZKANLAR S.

1st International Veterinary Biochemistry and Clinical Biochemistry Congress, Hatay, Turkey, 12 - 15 April 2018, pp.40-41

### **VI. Pankreas Kanseri K-ras, EGF, p53, p21, p27 ve p57 Genlerinde Gerçekleşen Moleküler Değişiklikler**

GÜR C., ÖZKANLAR S.

Atatürk Üniversitesi Veteriner Fakültesi (ATAVET) I. Uluslararası Katılımlı Öğrenci Kongresi, Erzurum, Turkey, 18 - 20 October 2017, pp.88-89

### **VII. Effects of Quercetin on Cyclophosphamide-induced Cardiotoxicity in Rats**

GELEN V., ŞENGÜL E., GEDİKLİ S., ÖZKANLAR S., GÜR C., KARA A., ÇELEBİ F., ÇINAR D.

42. Ulusal Fizyoloji Kongresi, Turkey, 5 - 08 September 2016

### **VIII. Meme Kanseri Hücrelerinde Ekstrasellüler Matriks, Apotoz ve Proliferasyonda ADAMTS9 Geninin**

#### **Araştırılması**

GÜR C., GEDİKLİ S., ŞENGÜL E., GELEN V., ÖZKANLAR S., KARA A.

Ulusal Veteriner Biyokimya ve Klinik Biyokimya Kongresi, Turkey, 22 - 24 September 2016

- IX. **BALB/C, BDNF Homozigot (+/+) ve BDNF Heterozigot Transgenik (+/-) Farelerde Glukoz, Lipid ve Protein Parametrelerinin Karşılaştırılması**  
ÖZKANLAR S., ABİDİN İ., AKTAŞ M. S., EROL H. S., GÜR C., ULAŞ N., POLAT H.  
8. Ulusal Veteriner Biyokimya ve Klinik Biyokimya Kongresi, Bursa, Turkey, 22 - 24 September 2016
- X. **Meme Kanseri Hücrelerinde Ekstrasellüler Matriks, Apoptoz ve Proliferasyonda ADAMTS9 Geninin Araştırılması**  
GÜR C., GEDİKLİ S., ŞENGÜL E., GELEN V., ÖZKANLAR S., KARA A.  
8. Ulusal Veteriner Biyokimya ve Klinik Biyokimya Kongresi, Turkey, 22 - 24 September 2016
- XI. **Ratlarda Cyclophosphamide ile İndüklenen Kardiyotoksisite Üzerine Quercetin'xxin Etkileri**  
GELEN V., ŞENGÜL E., GEDİKLİ S., ÖZKANLAR S., GÜR C., KARA A., ÇELEBİ F., ÇINAR D.  
42. Ulusal Fizyoloji Kongresi, Turkey, 5 - 08 September 2016
- XII. **Protective Effect of Quercetin on Cyclophosphamide-induced Lung Toxicity in Rats**  
ŞENGÜL E., GELEN V., GEDİKLİ S., ÖZKANLAR S., GÜR C., ÇELEBİ F., ÇINAR D.  
6th World Congress of Oxidative Stress, Calcium Signaling and TRP Channels, 24 - 27 May 2016
- XIII. **Protective effect of Quercetin on cyclophosphamide induced lung toxicity in rats**  
ŞENGÜL E., GELEN V., GEDİKLİ S., ÖZKANLAR S., GÜR C., KARA A., ÇELEBİ F.  
6. World Congress of Oxidative Stress, Isparta, Turkey, 24 - 27 May 2016
- XIV. **Deneyisel Obezite Oluşturulan Ratlarda Kuersetin Uygulamasının Kalp Dokusu ve Serum Parametreleri Üzerine Etkileri**  
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7. Ulusal Veteriner Biyokimya Ve Klinik Biyokimya Kongresi, Turkey, 28 - 30 May 2015
- XV. **Deneyisel obezite oluşturulan ratlarda kuersetin uygulamasının kalp dokusu ve serum parametreleri üzerine etkileri**  
GÜR C., ÖZKANLAR S., GEDİKLİ S., ŞENGÜL E., GELEN V., KARA A.  
7. Ulusal Veteriner Biyokimya ve Klinik Biyokimya Kongresi, Samsun, Turkey, 28 - 30 May 2015, vol.40, pp.32
- XVI. **Therapeteutic Effects of Melatonin on Liver and Kidney Damages in Intensive Exercise Model of Rats**  
GEDİKLİ S., GELEN V., ŞENGÜL E., ÖZKANLAR S., GÜR C., AĞIRBAŞ Ö., ÇAKMAK F., KARA A.  
V. Ineternational Congress of Molecular Medicine, 20 - 22 May 2015
- XVII. **Therapeutic effect of quercetin on renal function and tissue damage in the obesity induced rats**  
GELEN V., ŞENGÜL E., GEDİKLİ S., GÜR C., ÖZKANLAR S., KARA A.  
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- XVIII. **Therapeutic Effects of Melatonin on Liver and Kidney Damages in Intensive Exercise Model of Rats**  
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- XIX. **Therapeutic Effects of Melatonin on Liver and Kidney Damages in intensive Exercise Model of Rats**  
GEDİKLİ S., GELEN V., ŞENGÜL E., ÖZKANLAR S., GÜR C., AĞIRBAŞ Ö., ÇAKMAK F., KARA A.  
V. International Congres Of Molecular Medicine, 20 - 22 May 2015
- XX. **Therapeutic effect of quercetin on renal function and tissue damage in the obesitiy induced rats**  
GELEN V., ŞENGÜL E., GEDİKLİ S., GÜR C., ÖZKANLAR S., KARA A.  
V. International Congress OF Molecular Medicine, 20 - 22 May 2015
- XXI. **Investigation of the Effect of Cetuximab, Cisplatin and Melatonin Administration on P53 Gene and Apoptosis Activaitons inLung Cancer Cell Lines.**  
GÜR C., ÖZKANLAR S., KARA A., DİYARBAKIR E.  
IFCC Worldlab, İstanbul, Turkey, 23 - 25 July 2014, pp.442
- XXII. **The evaluation of blood gas changes in experimental doxorubicin toxicity.**  
ÖZKANLAR S., GÜR C., KURT N., ERTÜRK N., ÖZKANLAR Y.  
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- XXIII. **The evaluation of blood gas changes in experimental doxorubicin toxicity**

ÖZKANLAR S., GÜR C., KURT N., ERTÜRK N., ÖZKANLAR Y.

22nd International Congress of Clinical Chemistry and Laboratory Medicine IFCC Worldlab İstanbul, İstanbul, Turkey, 22 - 26 June 2014, pp.328

**XXIV. Investigation of the effect of cetuximab cisplatin and melatonin administration on P53 Gene and apoptosis activations in lung cancer cell lines**

GÜR C., ÖZKANLAR S., KARA A., DİYARBAKIR E.

22nd International Congress of Clinical Chemistry and Laboratory Medicine IFCC Worldlab İstanbul, İstanbul, Turkey, 22 - 26 June 2014, pp.442

**XXV. Effects of Various Light Period Administrations on the Development of Thyroid Organ and Endocrine Function of the Chicken (Biochemical and Histomorphometric Study)**

ÖZKANLAR S., ERBAŞ E., GÖKTAŞ H., GÜR C., ÖZÜDOĞRU Z., ÖZDEMİR D., KARA A., KURT N.

Anatomi Günleri 2014, Turkey, 20 - 22 February 2014

**XXVI. Farklı Süreli Işık Uygulamalarının Cıvıv Tiroid Organı Gelişimi ve Endokrin Fonksiyonu Üzerine Etkileri (Biyokimyasal ve Histomorfometrik Bir Çalışma)**

Özkanlar S., Erbaş E., Göktaş H., Gür C., Özüdoğru Z., Özdemir D., Kara A., Kurt N.

Atatürk Üniversitesi Anatomi Günleri 2014, Erzurum, Turkey, 20 - 22 February 2014, pp.40-41

## Supported Projects

YILMAZ E., UYSAL A., TÜRKİYILMAZ D., UYSAL S., GÜR C., DAĞDELEN TÜRKİYILMAZ Ü., Project Supported by Higher Education Institutions, İvesi ve Morkaraman Irkı Kuzularda Pasif Transfer Yetmezliğine Yatkınlık ile Kolostrum Kalitesi Arasındaki İlişkinin Değerlendirilmesi, 2023 - Continues

AKSAKAL Ö., ŞİŞMAN T., İÇOĞLU AKSAKAL F., GÜR C., Project Supported by Higher Education Institutions, Bazı Fungusitlerin Zebra Balığında Endoplazmik Retikulum Stresi ve Apoptotik Yolakta Yer Alan Genlerin Ekspresyon Seviyeleri ve Çeşitli Metabolitler Üzerine Etkisinin Araştırılması, 2023 - Continues

Gür C., İleritürk M., Project Supported by Higher Education Institutions, Ratlarda vankomisin ile indüklenen karaciğer toksisitesine karşı sinapik asitin potansiyel etkilerinin araştırılması, 2022 - 2023

Gür C., Akarsu S. A., İleritürk M., Project Supported by Higher Education Institutions, Kurşun asetat uygulanan ratlarda siringik asidin etkisinin belirlenmesi, 2022 - 2023

Çağlayan C., Kandemir F. M., İleritürk M., Gür C., İzol E., TUBITAK Project, Ratlarda vinkristin ile oluşturulan karaciğer toksisitesi üzerine Bingöl arı sütünün PI3K/Akt/mTOR sinyal yolağı aracılı endoplazmik retikulum stresi, apoptozis ve otofaji üzerindeki etkilerinin araştırılması, 2022 - 2023

GÜR C., KANDEMİR F. M., Project Supported by Higher Education Institutions, Ratlarda malathion kaynaklı hepatorenal toksisite üzerine rutin etkilerinin oksidan/antioksidan denge ve ATF6/IRE1/PERK/GRP 78 yolağı aracılığı ile araştırılması, 2021 - 2022

Kandemir F. M., Gür C., İleritürk M., Project Supported by Higher Education Institutions, Ratlarda Sodyum Valproat Kaynaklı Hepatorenal toksisite Üzerine Rutinin Etkilerinin Oksidan Antioksidan Denge, İnflamasyon, Apoptoz ve Otofaji Yönünden Araştırılması, 2021 - 2021

Gür C., Kandemir F. M., Kandemir Ö., Project Supported by Higher Education Institutions, Ratlarda abamectin kaynaklı testis toksisitesi üzerine hesperidin etkilerinin bazı biyokimyasal yöntemlerle incelenmesi, 2021 - 2021

ÖZKANLAR S., GÜR C., Project Supported by Higher Education Institutions, "PANKREAS KANSERİ HÜCRELERİNDE CETUXİMAB, CİSPLATİN VE MELATONİN KOMBİNE UYGULAMALARININ OTOFAJİK HÜCRE ÖLÜMÜ ETKİNLİĞİNİN ARAŞTIRILMASI", 2014 - 2017

GEDİKLİ S., GÜR C., Project Supported by Higher Education Institutions, YÜKSEK YAĞLI DİYETLE DENEYSEL OBEZİTE OLUŞTURULAN RATLARDA KUERSETİN UYGULAMASININ KARACİĞER ÜZERİNE ETKİLERİNİN ARAŞTIRILMASI, 2014 - 2015

KARA A., GÜR C., ERBAŞ E., Project Supported by Higher Education Institutions, KOLON KANSERİ HÜCRESİNDE BORTEZOMİB UYGULAMASININ BCL-2 GEN YOLAĞI ÜZERİNDEN APOPTOTİK VE OTOFAJİK ETKİNLİĞİNİN ARAŞTIRILMASI, 2014 - 2015

ÖZKANLAR S., GÜR C., Project Supported by Higher Education Institutions, BDNF HETEROZİGOT TRANSGENİK (+/-),

NORMAL WİLD TYPE HOMOZİGOT (+/+) VE NORMAL BALB/C HOMOZİGOT (+/+) FARELERDE KARBONHİDRAT, LİPİD VE PROTEİN METABOLİZMASI PARAMETRELERİNİN KARŞILAŞTIRILMASI, 2013 - 2014

## Scientific Refereeing

HUMAN AND EXPERIMENTAL TOXICOLOGY, Journal Indexed in SCI-E, November 2022  
BMC Complementary Medicine and Therapies, Journal Indexed in SCI-E, November 2022  
BMC NEUROSCIENCE, Journal Indexed in SCI-E, November 2022  
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HUMAN AND EXPERIMENTAL TOXICOLOGY, Journal Indexed in SCI-E, June 2022  
Discover Oncology, Journal Indexed in SCI-E, June 2022  
HUMAN AND EXPERIMENTAL TOXICOLOGY, Journal Indexed in SCI-E, June 2022  
JOURNAL OF INFLAMMATION RESEARCH, Journal Indexed in SCI-E, May 2022  
HUMAN AND EXPERIMENTAL TOXICOLOGY, Journal Indexed in SCI-E, May 2022  
HUMAN AND EXPERIMENTAL TOXICOLOGY, Journal Indexed in SCI-E, May 2022  
BIOLOGICAL TRACE ELEMENT RESEARCH, Journal Indexed in SCI-E, April 2022  
THERAPEUTICS AND CLINICAL RISK MANAGEMENT, Journal Indexed in SCI-E, April 2022  
HUMAN AND EXPERIMENTAL TOXICOLOGY, Journal Indexed in SCI-E, April 2022  
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DRUG DESIGN, DEVELOPMENT AND THERAPY, Journal Indexed in SCI-E, April 2022  
HUMAN AND EXPERIMENTAL TOXICOLOGY, Journal Indexed in SCI-E, March 2022  
HUMAN AND EXPERIMENTAL TOXICOLOGY, Journal Indexed in SCI-E, March 2022  
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Environmental Toxicology, Journal Indexed in SCI-E, January 2022  
HUMAN & EXPERIMENTAL TOXICOLOGY, SCI Journal, December 2021  
HUMAN & EXPERIMENTAL TOXICOLOGY, SCI Journal, September 2021  
HUMAN & EXPERIMENTAL TOXICOLOGY, SCI Journal, April 2021  
Human & Experimental Toxicology, SCI Journal, April 2021  
HUMAN & EXPERIMENTAL TOXICOLOGY, SCI Journal, March 2021  
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Human & Experimental Toxicology, SCI Journal, January 2021  
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HUMAN & EXPERIMENTAL TOXICOLOGY, SCI Journal, January 2021  
Human & Experimental Toxicology, SCI Journal, November 2020

## Tasks In Event Organizations

Özentürk U., Gür C., ATAVET I. International (II. International Participants) Student Congress, Scientific Congress, Erzurum, Turkey, Kasım 2019

## Metrics

Publication: 84

Citation (WoS): 617

Citation (Scopus): 692

H-Index (WoS): 14

H-Index (Scopus): 15

## Congress and Symposium Activities

INTERNATIONAL HARRAN HEALTH SCIENCES CONGRESS-IV, Moderator, Şanlıurfa, Turkey, 2022

INTERNATIONAL HARRAN HEALTH SCIENCES CONGRESS-IV, Attendee, Şanlıurfa, Turkey, 2022

International Congress on Natural & Medical Sciences, Attendee, İzmir, Turkey, 2022

8th International Symposium of Academic Studies in Health and Sports Sciences, Attendee, Elazığ, Turkey, 2022

International Congress on Biological and Health Sciences, Attendee, Afyonkarahisar, Turkey, 2022

1st INTERNATIONAL VETERINARY BIOCHEMISTRY AND CLINICAL BIOCHEMISTRY CONGRESS, Attendee, Hatay, Turkey, 2018

ATATÜRK ÜNİVERSİTESİ VETERİNER FAKÜLTESİ I. ULUSLARARASI KATILIMLI ÖĞRENCİ KONGRESİ, Attendee, Erzurum, Turkey, 2017

8. ULUSAL VETERİNER BİYOKİMYA VE KLİNİK BİYOKİMYA KONGRESİ, Attendee, Bursa, Turkey, 2016

7. ULUSAL VETERİNER BİYOKİMYA VE KLİNİK BİYOKİMYA KONGRESİ, Attendee, Samsun, Turkey, 2015

## Awards

GÜR C., Poster Bildiri Birincilik Ödülü, Uludağ Üniversitesi 8. Ulusal Biyokimya ve Klinik Biyokimya Kongresi, September 2016