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International Researcher IDs

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Yoksis Researcher ID: 294221

Education Information

- I. Doctorate, Ataturk University, Sağlık Bilimleri Enstitüsü, Veterinerlik Biyokimyası, Turkey 2015 - 2018
- II. Undergraduate, Van Yüzüncü Yıl University, Veteriner Fakültesi, Turkey 2009 - 2014

Foreign Languages

- I. English, B2 Upper Intermediate

Dissertations

- I. Doctorate, Ratlarda İndometazin İle Oluşturulan Mide Ülseri Üzerine Chrysin'in Etkilerinin Araştırılması, Atatürk Üniversitesi, Sağlık Bilimleri Enstitüsü, Veterinerlik Biyokimyası, 2017

Research Areas

Health Sciences, Veterinary Sciences, Veterinary Biochemistry, Natural Sciences

Academic Titles / Tasks

- I. Assistant Professor, Ataturk University, Veteriner Fakültesi, Veteriner Hekimliği Temel Bilimleri, 2018 - Continues

Courses

- I. Vitamin ve Mineral Metabolizması, Doctorate, 2023 - 2024, 2021 - 2022
- II. Oxidative Stress, Doctorate, 2023 - 2024
- III. Veterinary Biochemistry, Postgraduate, 2023 - 2024
- IV. Temel Laboratuvar Prensipleri, Undergraduate, 2023 - 2024
- V. Biochemistry I, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2018 - 2019
- VI. Medikal Kimya, Undergraduate, 2023 - 2024
- VII. Biyokimya II, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
- VIII. Serbest Radikaller ve Antioksidanlar, Postgraduate, 2022 - 2023
- IX. Vitamin, Mineral ve Eser Elementler, Postgraduate, 2022 - 2023
- X. Nükleik Asit Biyokimyası, Postgraduate, 2021 - 2022

- XI. Laboratuvar Hayvanlarının Biyokimyası, Doctorate, 2021 - 2022
- XII. Vücut Sıvılarının Biyokimyası, Postgraduate, 2020 - 2021
- XIII. Klinik Laboratuvar Tanı III, Undergraduate, 2018 - 2019
- XIV. Histoloji, Associate Degree, 2018 - 2019
- XV. Laboratuvar Teknikleri, Associate Degree, 2018 - 2019
- XVI. Doğum Bilgisi ve Jinekoloji, Associate Degree, 2018 - 2019
- XVII. Laboratuvara Giriş, Undergraduate, 2018 - 2019
- XVIII. Laboratuvar Tekniği, Associate Degree, 2018 - 2019

Advising Theses

- I. Küçükler S., Ratlarda Dosetaksel Kaynaklı Karaciğer ve Böbrek Hasarı Üzerine Silymarin' in Etkilerinin Araştırılması, Doctorate, Ö.KANDEMİR(Student), 2023
- II. Küçükler S., Ratlarda Bakır Nanopartikülleri Kaynaklı Karaciğer ve Böbrek Hasarı Üzerine Erkek Arı Larvası (Apilarnil)'nın Etkilerinin Araştırılması, Doctorate, A.GENÇ(Student), 2023
- III. Küçükler S., Ratlarda Deltametrin Kaynaklı Testis Hasarı Üzerine Rutin'in Etkilerinin Araştırılması, Postgraduate, O.ÇELİK(Student), 2022

Jury Memberships

- I. Doctorate, Doctorate, Kafkas Üniversitesi, January, 2023
- II. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, December, 2022
- III. Doctoral Examination, Doctoral Examination, Atatürk Üniversitesi, November, 2022
- IV. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, June, 2022
- V. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, May, 2022
- VI. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, May, 2022
- VII. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, May, 2022
- VIII. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, May, 2022
- IX. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, May, 2022
- X. Doctoral Examination, Doctoral Examination, Atatürk Üniversitesi, May, 2022
- XI. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, April, 2022
- XII. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, February, 2022
- XIII. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, January, 2022
- XIV. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, January, 2022
- XV. PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, January, 2022
- XVI. Doctoral Examination, Doctoral Examination, Kafkas Üniversitesi, December, 2018

- I. **Protective Effects of Carvacrol on Mercuric Chloride-Induced Lung Toxicity Through Modulating Oxidative Stress, Apoptosis, Inflammation, and Autophagy**
Eriten B., KÜÇÜKLER S., GÜR C., Ayna A., Diril H., ÇAĞLAYAN C.
Environmental Toxicology, vol.39, no.12, pp.5227-5237, 2024 (SCI-Expanded)
- II. **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, vol.202, no.10, pp.4605-4617, 2024 (SCI-Expanded)
- III. **The ameliorative effect of carvacrol on sodium arsenite-induced hepatotoxicity in rats: Possible role of Nrf2/HO-1, RAGE/NLRP3, Bax/Bcl-2/Caspase-3, and Beclin-1 pathways**
Gencer S., GÜR C., İLERİTÜRK M., KÜÇÜKLER S., Akaras N., Şimşek H., Kandemir F. M.
Journal of Biochemical and Molecular Toxicology, vol.38, no.10, 2024 (SCI-Expanded)
- IV. **Protective Effects of Syringic Acid Against Oxidative Damage, Apoptosis, Autophagy, Inflammation, Testicular Histopathologic Disorders, and Impaired Sperm Quality in the Testicular Tissue of Rats Induced by Mercuric Chloride**
AKARSU S. A., GÜR C., KÜÇÜKLER S., Akaras N., İLERİTÜRK M., Kandemir F. M.
Environmental Toxicology, vol.39, no.10, pp.4803-4814, 2024 (SCI-Expanded)
- V. **Ameliorative effects of sinapic acid against vancomycin-induced testicular oxidative damage, apoptosis, inflammation, testicular histopathologic disorders and decreased epididymal sperm quality**
AKARSU S. A., İLERİTÜRK M., KÜÇÜKLER S., Akaras N., GÜR C., Kandemir F. M.
REPRODUCTIVE TOXICOLOGY, vol.129, 2024 (SCI-Expanded)
- VI. **Hepatoprotective effects of zingerone on sodium arsenite-induced hepatotoxicity in rats: Modulating the levels of caspase-3/Bax/Bcl-2, NLRP3/NF-κB/TNF-α and ATF6/IRE1/PERK/GRP78 signaling pathways**
Eriten B., ÇAĞLAYAN C., GÜR C., KÜÇÜKLER S., Diril H.
Biochemical and Biophysical Research Communications, vol.725, 2024 (SCI-Expanded)
- VII. **The ameliorative effects of chrysin on bortezomib-induced nephrotoxicity in rats: Reduces oxidative stress, endoplasmic reticulum stress, inflammation damage, apoptotic and autophagic death**
Kankılıç N. A., Şimşek H., Akaras N., GÜR C., KÜÇÜKLER S., İLERİTÜRK M., Gencer S., Kandemir F. M.
Food and Chemical Toxicology, vol.190, 2024 (SCI-Expanded)
- VIII. **EFFECTS OF Ehrlichia canis, Anaplasma phagocytophilum /Anaplasma platys AND Dirofilaria immitis INFECTIONS ON OXIDATIVE STRESS AND ANTIOXIDANT BALANCE IN DOGS**
DOKUZEYLÜL B., KIRBAŞ A., KAYAR A., Kandemir F., KÜÇÜKLER S., OR M. E., Adaszek Ł.
Journal of Animal and Plant Sciences, vol.34, no.4, pp.988-998, 2024 (SCI-Expanded)
- IX. **Naringin protects against paclitaxel-induced toxicity in rat testicular tissues by regulating genes in pro-inflammatory cytokines, oxidative stress, apoptosis, and JNK/MAPK signaling pathways**
Kankılıç N. A., KÜÇÜKLER S., GÜR C., AKARSU S. A., Akaras N., Simsek H., İLERİTÜRK M., Kandemir F. M.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.38, no.7, 2024 (SCI-Expanded)
- X. **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, vol.39, no.7, pp.3820-3832, 2024 (SCI-Expanded)
- XI. **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)
- XII. **Hesperidin counteracts chlorpyrifos-induced neurotoxicity by regulating oxidative stress,**

- inflammation, and apoptosis in rats**
Küçükler S., Çağlayan C., Oezdemir S., Çomaklı S., Kandemir F. M.
METABOLIC BRAIN DISEASE, vol.39, no.4, pp.509-522, 2024 (SCI-Expanded)
- XIII. **Effects of rutin against deltamethrin-induced testicular toxicity in rats: Biochemical, molecular, and pathological studies**
KÜÇÜKLER S., Çelik O., ÖZDEMİR S., AYDIN Ş., ÇOMAKLI S., Dalkılıç E.
Food and Chemical Toxicology, vol.186, 2024 (SCI-Expanded)
- XIV. **Sodium Pentaborate Prevents Acetaminophen-Induced Hepatorenal Injury by Suppressing Oxidative Stress, Lipid Peroxidation, Apoptosis, and Inflammatory Cytokines in Rats**
Aktas Senocak E., Utlu N., Kurt S., Kucukler S., Kandemir F. M.
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.202, no.3, pp.1164-1173, 2024 (SCI-Expanded)
- XV. **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)
- XVI. **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)
- XVII. **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)
- XVIII. **Effects of chrysins 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)
- XIX. **Protective effects of sinapic acid against lead acetate-induced nephrotoxicity: a multi-biomarker approach**
Şimşek H., Küçükler S., Gür C., Akaras N., Kandemir F. M.
Environmental Science and Pollution Research, vol.30, no.45, pp.101208-101222, 2023 (SCI-Expanded)
- XX. **Investigation of haematological, inflammatory and immunological response in naturally infected cattle with Theileria annulata.**
Aktas M. S., Eren E., Kucukler S., Eroglu M. S., Ilgun M., Yanar K. E., Aydin O.
Parasite immunology, vol.45, no.9, 2023 (SCI-Expanded)
- XXI. **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)
- XXII. **The protective effects of chrysins 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)
- XXIII. **Beneficial effects of Chrysins 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)
- XXIV. **Beneficial effects of quercetin on vincristine-induced liver injury in rats: Modulating the levels of Nrf2/HO-1, NF-κB/STAT3, and SIRT1/PGC-1α**
ÇOMAKLI S., ÖZDEMİR S., KÜÇÜKLER S., Kandemir F. M.
Journal of Biochemical and Molecular Toxicology, vol.37, no.5, 2023 (SCI-Expanded)

- XXV. **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)
- XXVI. **Morin ameliorates methotrexate-induced hepatotoxicity via targeting Nrf2/HO-1 and Bax/Bcl2/Caspase-3 signaling pathways**
Kızıl H. E., ÇAĞLAYAN C., Darendelioglu E., Ayna A., GÜR C., Kandemir F. M., KÜÇÜKLER S.
Molecular Biology Reports, vol.50, no.4, pp.3479-3488, 2023 (SCI-Expanded)
- XXVII. **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., Darendelioglu E., KÜÇÜKLER S., Sağ S.
Chemistry and Biodiversity, vol.20, no.3, 2023 (SCI-Expanded)
- XXVIII. **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)
- XXIX. **Comparison of the effects of Aloe vera gel and coconut oil on the healing of open wounds in rats**
İstek O., Tanrisever M., KÜÇÜKLER S., Karabulut B., Cevik A.
VETERINARNI MEDICINA, vol.68, no.1, pp.17-26, 2023 (SCI-Expanded)
- XXX. **Morin mitigates ifosfamide induced nephrotoxicity by regulation of NF-kappaB/p53 and Bcl-2 expression**
Çomaklı S., Kandemir F. M., Küçükler S., Özdemir S.
BIOTECHNIC & HISTOCHEMISTRY, vol.97, no.6, pp.423-432, 2022 (SCI-Expanded)
- XXXI. **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)
- XXXII. **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)
- XXXIII. **Protective effect of chrysanthemum on indomethacin induced gastric ulcer in rats: role of multi-pathway regulation**
Küçükler S., Kandemir F. M., Yıldırım S.
BIOTECHNIC & HISTOCHEMISTRY, vol.97, no.7, pp.490-503, 2022 (SCI-Expanded)
- XXXIV. **The protective effect of Morin against ifosfamide-induced acute liver injury in rats associated with the inhibition of DNA damage and apoptosis**
Özdemir S., Küçükler S., Çomaklı S., Kandemir F. M.
DRUG AND CHEMICAL TOXICOLOGY, vol.45, no.3, pp.1308-1317, 2022 (SCI-Expanded)
- XXXV. **The protective effect of Naringenin against ovalbumin-induced allergic rhinitis in rats**
Şahin A., Sakat M. S., Kılıç K., Aktan B., Yıldırım S., Kandemir F. M., Dortbudak M. B., Küçükler S.
EUROPEAN ARCHIVES OF OTO-RHINO-LARYNGOLOGY, vol.278, no.12, pp.4839-4846, 2021 (SCI-Expanded)
- XXXVI. **Protective effects of rutin against deltamethrin-induced hepatotoxicity and nephrotoxicity in rats via regulation of oxidative stress, inflammation, and apoptosis**
KÜÇÜKLER S., KANDEMİR F. M., ÖZDEMİR S., ÇOMAKLI S., ÇAĞLAYAN C.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.28, no.44, pp.62975-62990, 2021 (SCI-Expanded)
- XXXVII. **Ameliorative effect of hesperidin on streptozotocin-diabetes mellitus-induced testicular DNA damage and sperm quality degradation in Sprague-Dawley rats**
Aksu E. H., KANDEMİR F. M., KÜÇÜKLER S.
JOURNAL OF FOOD BIOCHEMISTRY, vol.45, no.10, 2021 (SCI-Expanded)
- XXXVIII. **Hesperidin protects liver and kidney against sodium fluoride-induced toxicity through anti-apoptotic**

and anti-autophagic mechanisms

ÇAĞLAYAN C., KANDEMİR F. M., DARENDELİOĞLU E., KÜÇÜKLER S., AYNA A.

LIFE SCIENCES, vol.281, 2021 (SCI-Expanded)

- XXXIX. **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)

- XL. **Hesperidin protects against the chlorpyrifos-induced chronic hepato-renal toxicity in rats associated with oxidative stress, inflammation, apoptosis, autophagy, and up-regulation of PARP-1/VEGF**

KÜÇÜKLER S., ÇOMAKLI S., ÖZDEMİR S., ÇAĞLAYAN C., KANDEMİR F. M.

ENVIRONMENTAL TOXICOLOGY, vol.36, no.8, pp.1600-1617, 2021 (SCI-Expanded)

- XLI. **Modulatory effects of carvacrol against cadmium-induced hepatotoxicity and nephrotoxicity by molecular targeting regulation**

KANDEMİR F. M., ÇAĞLAYAN C., DARENDELİOĞLU E., KÜÇÜKLER S., Izol E., Kandemir O.

LIFE SCIENCES, vol.277, 2021 (SCI-Expanded)

- XLII. **Protective Effects of Chrysins 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., Bengu A. S., Ayna A., Çağlayan C., Dortbudak M. B.

BIOLOGICAL TRACE ELEMENT RESEARCH, vol.199, no.4, pp.1501-1514, 2021 (SCI-Expanded)

- XLIII. **The effects of hesperidin on colistin-induced reproductive damage, autophagy, and apoptosis by reducing oxidative stress**

AKSU E. H., KANDEMİR F. M., KÜÇÜKLER S.

ANDROLOGIA, vol.53, no.2, 2021 (SCI-Expanded)

- XLIV. **Attenuation of sodium arsenite-induced cardiotoxicity and neurotoxicity with the antioxidant, anti-inflammatory, and antiapoptotic effects of hesperidin**

Kuzu M., Kandemir F. M., Yıldırım S., Çağlayan C., Küçükler S.

ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.28, no.9, pp.10818-10831, 2021 (SCI-Expanded)

- XLV. **Silymarin alleviates docetaxel-induced central and peripheral neurotoxicity by reducing oxidative stress, inflammation and apoptosis in rats**

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

GENE, vol.769, 2021 (SCI-Expanded)

- XLVI. **Protective Effects of Curcumin Against Paclitaxel-Induced Spinal Cord and Sciatic Nerve Injuries in Rats**

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

NEUROCHEMICAL RESEARCH, vol.46, no.2, pp.379-395, 2021 (SCI-Expanded)

- XLVII. **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)

- XLVIII. **Neuroprotective effect of chrysins on isoniazid-induced neurotoxicity via suppression of oxidative stress, inflammation and apoptosis in rats**

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

NEUROTOXICOLOGY, vol.81, pp.197-208, 2020 (SCI-Expanded)

- XLIX. **The investigation of the effect of fraxin on hepatotoxicity induced by cisplatin in rats**

Akdemir F. N. E., Bingol C., Yıldırım S., Kandemir F. M., Küçükler S., Saglam Y. S.

IRANIAN JOURNAL OF BASIC MEDICAL SCIENCES, vol.23, no.11, pp.1382-1387, 2020 (SCI-Expanded)

- L. **Morin attenuates acrylamide-induced testicular toxicity in rats by regulating the NF-kappa B, Bax/Bcl-2 and PI3K/Akt/mTOR signaling pathways**

Küçükler S., Çağlayan C., Darendelioğlu E., Kandemir F. M.

LIFE SCIENCES, vol.261, 2020 (SCI-Expanded)

- LI. **Zingerone attenuates vancomycin-induced hepatotoxicity in rats through regulation of oxidative**

- stress, inflammation and apoptosis**
Küçükler S., Darendelioglu E., Caglayan C., Ayna A., Yıldırım S., Kandemir F. M.
LIFE SCIENCES, vol.259, 2020 (SCI-Expanded)
- LII. **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)
- LIII. **Protective effect of rutin on mercuric chloride-induced reproductive damage in male rats**
Kandemir F. M., Caglayan C., Aksu E. H., Yıldırım S., Kucukler S., Gur C., Eser G.
Andrologia, vol.52, no.3, 2020 (SCI-Expanded)
- LIV. **Protective effects of morin against acrylamide-induced hepatotoxicity and nephrotoxicity: A multi-biomarker approach**
Kandemir F. M., Yıldırım S., Küçükler S., Caglayan C., Darendelioğlu E., Dörtnedal M. B.
Food and Chemical Toxicology, vol.138, 2020 (SCI-Expanded)
- LV. **Protective effect of chrysanthemum on cyclophosphamide-induced hepatotoxicity and nephrotoxicity via the inhibition of oxidative stress, inflammation, and apoptosis**
Temel Y., Küçükler S., Yıldırım S., Çağlayan C., Kandemir F. M.
Naunyn-Schmiedeberg's Archives of Pharmacology, vol.393, pp.325-337, 2020 (SCI-Expanded)
- LVI. **Neuroprotective effect of rutin against colistin-induced oxidative stress, inflammation and apoptosis in rat brain associated with the CREB/BDNF expressions**
Çelik H., Kandemir F. M., Caglayan C., Özdemir S., Çomaklı S., Kucukler S., Yardim A.
Molecular Biology Reports, vol.47, no.3, pp.2023-2034, 2020 (SCI-Expanded)
- LVII. **Investigation of curcumin role on doxorubicin-induced tissue damage in terms of trace metal levels using ETAAS**
Ince O. K., Kandemir F. M., Ince M., Benzer F., Onal A., Küçükler S.
Atomic Spectroscopy, vol.41, no.4, pp.175-180, 2020 (SCI-Expanded)
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