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Education Information

Doctorate, Inonu University, Tıp Fakültesi, Temel Tıp Bilimleri, Turkey 2011 - 2015

Postgraduate, Inonu University, Tıp Fakültesi, Temel Tıp Bilimleri, Turkey 2009 - 2011

Postgraduate, Firat University, Faculty Of Science, Department Of Biology, Turkey 2008 - 2009

Undergraduate, Firat University, Faculty Of Science, Department Of Biology, Turkey 2004 - 2007

Research Areas

Health Sciences, Biochemistry, Natural Sciences

Academic Titles / Tasks

Professor, Inonu University, Tıp Fakültesi, Temel Tıp Bilimleri, 2023 - Continues

Associate Professor, Inonu University, Tıp Fakültesi, Temel Tıp Bilimleri, 2019 - 2023

Assistant Professor, Nigde Omer Halisdemir University, School Of Medicine, Department Of Basic Medical Sciences (Medicine), 2016 - 2019

Courses

Protein Metabolizması, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Tıp Fakültesi Hücre Bilimlerine Giriş Ders Kurulu Tıbbi Biyokimya Dersleri, Undergraduate, 2017-2018

Tıp Fakültesi Hücre Bilimleri I Ders Kurulu Tıbbi Biyokimya Dersleri, Undergraduate, 2017-2018

Tıp Fakültesi Hücre Bilimleri II Ders Kurulu Tıbbi Biyokimya Dersleri, Undergraduate, 2017-2018

Tıp Fakültesi Temel Bilimler II Ders Kurulu Tıbbi Biyokimya Dersleri, Undergraduate, 2017-2018

Zübeyde Hanım Sağlık Yüksek Okulu Ebelik 2018 Biyokimya Dersi, Undergraduate, 2016-2017

Zübeyde Hanım Sağlık Yüksek Okulu Hemşirelik 2004 Biyokimya Dersi, Undergraduate, 2016-2017

Published journal articles indexed by SCI, SSCI, and AHCI

1. **High Carbohydrate, Fat, and Protein Diets Have a Critical Role in Folliculogenesis and Oocyte Development in Rats.**

Gül S., Gül M., Otlu B., Erdemli M. E., Gözükara Bağ H. G.

Reproductive sciences (Thousand Oaks, Calif.), 2024 (SCI-Expanded)

- II. **High-fat and carbohydrate diet caused chronic kidney damage by disrupting kidney function, caspase-3, oxidative stress and inflammation.**
Erdemli Z., Gul M., Kayhan E., Gokturk N., Bag H. G., Erdemli M. E.
Prostaglandins & other lipid mediators, vol.172, pp.106822, 2024 (SCI-Expanded)
- III. **Ameliorative effects of thymoquinone on the caspase 3, kidney function and oxidative stress tartrazine-induced nephrotoxicity.**
Erdemli Z., Gul M., Gokturk N., Kayhan E., Demircigil N., Ozsoy E. N., Gozukara Bag H. G., Erdemli M. E.
Toxicon : official journal of the International Society on Toxinology, vol.241, pp.107660, 2024 (SCI-Expanded)
- IV. **Effect of Melatonin on Increasing the Effectiveness of Liver Preservation Solution.**
Erdogan M. M., Erdemli M. E., Özhan O., Erdemli Z., Gözükara Bağ H. G., Vardı N.
The Turkish journal of gastroenterology : the official journal of Turkish Society of Gastroenterology, vol.34, no.9, pp.943-951, 2023 (SCI-Expanded)
- V. **Does apocynin increase liver regeneration in the partial hepatectomy model?**
Bilgiç Y., Kanat B. H., Özhan O., Yıldız A., Aksungur Z., Erdemli M. E., Vardı N., Türköz Y., Akbulut A. S., Köse A., et al.
Turkish journal of medical sciences, vol.53, no.3, pp.647-658, 2023 (SCI-Expanded)
- VI. **Thymoquinone played a protective role against tartrazine-induced hepatotoxicity.**
Demircigil N., Gul M., Gokturk N., Kustepe E. K., Bag H. G., Erdemli M. E.
Iranian journal of basic medical sciences, vol.26, no.1, pp.99-106, 2023 (SCI-Expanded)
- VII. **Biochemical and histopathological investigation of the protective effects of melatonin and vitamin E against the damage caused by acetamiprid in Balb-c mouse testicles at light and electron microscopic level**
Zayman E., GÜL M., ERDEMLİ M. E., Gul S., GÖZÜKARA BAĞ H. G., TAŞLIDERE E.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.29, no.31, pp.47571-47584, 2022 (SCI-Expanded)
- VIII. **Protective effects of crocin on acrylamide-induced testis damage**
GÜL M., Kayhan Kustepe E., ERDEMLİ M. E., Altinoz E., GÖZÜKARA BAĞ H. G., GÜL S., Gokturk N.
ANDROLOGIA, vol.53, no.9, 2021 (SCI-Expanded)
- IX. **Ameliorative effects of crocin on the inflammation and oxidative stress-induced kidney damages by experimental periodontitis in rat**
Erdemli Z., ERDEMLİ M. E., GÜL M., Altinoz E., GÜL S., Kocaman G., Kustepe E. K., GÖZÜKARA BAĞ H. G.
IRANIAN JOURNAL OF BASIC MEDICAL SCIENCES, vol.24, no.6, pp.825-832, 2021 (SCI-Expanded)
- X. **Crocinn attenuates oxidative and inflammatory stress-related periodontitis in cardiac tissues in rats.**
Kocaman G., Altinoz E., Erdemli M. E., Gul M., Erdemli Z., Zayman E., Bag H. G., Aydın T.
Advances in clinical and experimental medicine : official organ Wroclaw Medical University, vol.30, no.5, pp.517-524, 2021 (SCI-Expanded)
- XI. **Prevention of toxic effects of orally administered tartrazine by crocin in Wistar rats**
Altinoz E., ERDEMLİ M. E., GÜL M., Erdemli Z., GÜL S., Turkoz Y.
TOXICOLOGICAL AND ENVIRONMENTAL CHEMISTRY, vol.103, no.2, pp.184-198, 2021 (SCI-Expanded)
- XII. **Ameliorative effects of crocin on tartrazine dye-induced pancreatic adverse effects: a biochemical and histological study**
Erdemli Z., Altinoz E., Erdemli M. E., Gul M., Bag H. G., Gul S.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.28, no.2, pp.2209-2218, 2021 (SCI-Expanded)
- XIII. **Vitamin E effects on developmental disorders in fetuses and cognitive dysfunction in adults following acrylamide treatment during pregnancy.**
Erdemli Z., ERDEMLİ M. E., TÜRKÖZ Y., Yigitcan B., ALADAĞ M. A., ÇİĞREMİŞ Y., Cirik R. H., ALTINÖZ E., GÖZÜKARA BAĞ H. G.
Biotechnic & histochemistry : official publication of the Biological Stain Commission, vol.96, pp.11-19, 2021 (SCI-Expanded)
- XIV. **Thymoquinone protection against 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin induced nephrotoxicity in rats**

- ERDEMLİ M. E., Yigitcan B., Erdemli Z., GÜL M., GÖZÜKARA BAĞ H. G., GÜL S.
BIOTECHNIC & HISTOCHEMISTRY, vol.95, no.8, pp.567-574, 2020 (SCI-Expanded)
- XV. **Protective effects of melatonin and vitamin E in acetamidrid-induced nephrotoxicity**
ERDEMLİ M. E., ZAYMAN E., ERDEMLİ Z., GÜL M., GÜL S., Bag H. G.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.27, no.9, pp.9202-9213, 2020 (SCI-Expanded)
- XVI. **The effects of acrylamide and vitamin E on kidneys in pregnancy: an experimental study**
Erdemli M. E., AKSUNGUR Z., GÜL M., Yigitcan B., GÖZÜKARA BAĞ H. G., ALTINÖZ E., TÜRKÖZ Y.
JOURNAL OF MATERNAL-FETAL & NEONATAL MEDICINE, vol.32, no.22, pp.3747-3756, 2019 (SCI-Expanded)
- XVII. **Investigation of wet cupping therapy's effect on oxidative stress based on biochemical parameters**
Ersoy S., ALTINÖZ E., BENLİ A. R., ERDEMLİ M. E., AKSUNGUR Z., Bag H. G., ENGIN V. S.
EUROPEAN JOURNAL OF INTEGRATIVE MEDICINE, vol.30, 2019 (SCI-Expanded)
- XVIII. **The effects of acrylamide and Vitamin E administration during pregnancy on adult rats testis**
Erdemli Z., ERDEMLİ M. E., TÜRKÖZ Y., GÜL M., Yigitcan B., GÖZÜKARA BAĞ H. G.
ANDROLOGIA, vol.51, no.7, 2019 (SCI-Expanded)
- XIX. **Protective effects of crocin on biochemistry and histopathology of experimental periodontitis in rats**
Kocaman G., Altinoz E., Erdemli M. E., Gul M., Erdemli Z., Gul S., Bag H. G.
BIOTECHNIC & HISTOCHEMISTRY, vol.94, no.5, pp.366-373, 2019 (SCI-Expanded)
- XX. **Crocini (active constituent of saffron) improves CCl4-induced liver damage by modulating oxidative stress in rats**
Cosgun B. E., ERDEMLİ M. E., GÜL M., GÜL S., Bag H. G., ERDEMLİ Z., ALTINÖZ E.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.44, no.3, pp.370-378, 2019 (SCI-Expanded)
- XXI. **The Effects on Oxidative Systems in Liver Tissues of Systemic Ozone Application after Critical Size Bone Defect Surgery in Rat Mandibles**
ERDEMLİ M. E., AKGÜL H., Selamoglu Z.
ROMANIAN BIOTECHNOLOGICAL LETTERS, vol.24, no.3, pp.538-544, 2019 (SCI-Expanded)
- XXII. **Protective effect of crocin on food azo dye tartrazine-induced hepatic damage by improving biochemical parameters and oxidative stress biomarkers in rats**
Velioglu C., Erdemli M. E., GÜL M., Erdemli Z., ZAYMAN E., GÖZÜKARA BAĞ H. G., ALTINÖZ E.
GENERAL PHYSIOLOGY AND BIOPHYSICS, vol.38, no.1, pp.73-82, 2019 (SCI-Expanded)
- XXIII. **Neuroprotection against CCl4 induced brain damage with crocin in Wistar rats**
Altinoz E., Erdemli M. E., Gul M., Aksungur Z., Gul S., Bag H. G., Kaya G. B., Turkoz Y.
BIOTECHNIC & HISTOCHEMISTRY, vol.93, no.8, pp.623-631, 2018 (SCI-Expanded)
- XXIV. **Protective effect of dexpanthenol against cisplatin-induced hepatotoxicity**
Bilgic Y., Akbulut S., Aksungur Z., Erdemli M. E., Ozhan O., Parlakpinar H., Vardi N., Turkoz Y.
EXPERIMENTAL AND THERAPEUTIC MEDICINE, vol.16, pp.4049-4057, 2018 (SCI-Expanded)
- XXV. **Crocini protects intestine tissue against carbon tetrachloride-mediated oxidative stress in rats**
Cosgun B. E., ERDEMLİ M. E., GÜL M., GÜL S., Bag H. G., AKSUNGUR Z., ALTINÖZ E.
GENERAL PHYSIOLOGY AND BIOPHYSICS, vol.37, no.4, pp.399-409, 2018 (SCI-Expanded)
- XXVI. **Acrylamide applied during pregnancy causes the neurotoxic effect by lowering BDNF levels in the fetal brain**
Erdemli M. E., Aladag M. A., ALTINÖZ E., Demirtas S., TÜRKÖZ Y., Yigitcan B., GÖZÜKARA BAĞ H. G.
NEUROTOXICOLOGY AND TERATOLOGY, vol.67, pp.37-43, 2018 (SCI-Expanded)
- XXVII. **Can crocin play a preventive role in Wistar rats with carbon tetrachloride-induced nephrotoxicity?**
Erdemli M. E., GÜL M., ALTINÖZ E., AKSUNGUR Z., GÜL S., GÖZÜKARA BAĞ H. G.
IRANIAN JOURNAL OF BASIC MEDICAL SCIENCES, vol.21, no.4, pp.382-387, 2018 (SCI-Expanded)
- XXVIII. **Protective Effects of Hypericum perforatum and Quercetin in a Rat Model of Ischemia/Reperfusion Injury of Testes**
Suzen A., TEKİN L., Erdemli M. E., ERTÜRK N., AKSUNGUR Z., Aktas S.
EUROPEAN JOURNAL OF PEDIATRIC SURGERY, vol.28, no.1, pp.96-100, 2018 (SCI-Expanded)
- XXIX. **Biochemical changes induced by grape seed extract and low level laser therapy administration during intraoral wound healing in rat liver: an experimental and in silico study**

- Erdemli M. E., Salmas R. E., DURDAĞI S., AKGÜL H., DEMİRKOL M., AKSUNGUR Z., Selamoglu Z.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.36, no.4, pp.993-1008, 2018 (SCI-Expanded)
- XXX. **Thymoquinone is protective against 2,3,7,8-tetrachlorodibenzo-p-dioxin induced hepatotoxicity**
Erdemli M. E., Yigitcan B., Gul M., Bag H. G., Gul S., Aksungur Z.
BIOTECHNIC & HISTOCHEMISTRY, vol.93, no.6, pp.453-462, 2018 (SCI-Expanded)
- XXXI. **Investigation of the protective effects of crocin on acrylamide induced small and large intestine damage in rats**
Gedik S., Erdemli M. E., Gul M., Yigitcan B., Bag H. G., Aksungur Z., Altinoz E.
BIOTECHNIC & HISTOCHEMISTRY, vol.93, no.4, pp.267-276, 2018 (SCI-Expanded)
- XXXII. **The protective role of crocin in tartrazine induced nephrotoxicity in Wistar rats**
ERDEMLİ M. E., GÜL M., ALTINÖZ E., ZAYMAN E., AKSUNGUR Z., Bag H. G.
BIOMEDICINE & PHARMACOTHERAPY, vol.96, pp.930-935, 2017 (SCI-Expanded)
- XXXIII. **Hepatoprotective effects of crocin on biochemical and histopathological alterations following acrylamide-induced liver injury in Wistar rats**
Gedik S., Erdemli M. E., GÜL M., Yigitcan B., GÖZÜKARA BAĞ H. G., AKSUNGUR Z., ALTINÖZ E.
BIOMEDICINE & PHARMACOTHERAPY, vol.95, pp.764-770, 2017 (SCI-Expanded)
- XXXIV. **Biochemical investigation of the toxic effects of acrylamide administration during pregnancy on the liver of mother and fetus and the protective role of vitamin E**
ERDEMLİ M. E., ALTINÖZ E., AKSUNGUR Z., TÜRKÖZ Y., DOĞAN Z., GÖZÜKARA BAĞ H. G.
JOURNAL OF MATERNAL-FETAL & NEONATAL MEDICINE, vol.30, no.7, pp.844-848, 2017 (SCI-Expanded)
- XXXV. **Protective Effect of Quercetin Against Oxidative Stressinduced Toxicity Associated With Doxorubicin and Cyclophosphamide in Rat Kidney and Liver Tissue**
KOCAHAN S., DOĞAN Z., Erdemli E., TAŞKIN E.
IRANIAN JOURNAL OF KIDNEY DISEASES, vol.11, no.2, pp.124-131, 2017 (SCI-Expanded)
- XXXVI. **Investigation of the effects of acrylamide applied during pregnancy on fetal brain development in rats and protective role of the vitamin E**
Erdemli M. E., Turkoz Y., Altinoz E., Elibol E., Dogan Z.
HUMAN & EXPERIMENTAL TOXICOLOGY, vol.35, no.12, pp.1337-1344, 2016 (SCI-Expanded)
- XXXVII. **The Effect of Selenium on Ischemia-Reperfusion Injury: An Experimental Study on a Transverse Rectus Abdominis Musculocutaneous Flap Model**
TENEKECİ G., Bilen B. T., TÜRKÖZ Y., Sahin N., Bulam N., ERDEMLİ M. E.
JOURNAL OF CRANIOFACIAL SURGERY, vol.27, no.1, pp.242-246, 2016 (SCI-Expanded)
- XXXVIII. **Saffron (its active constituent, crocin) supplementation attenuates lipid peroxidation and protects against tissue injury**
ALTINÖZ E., ÖZMEN T., ÖNER Z., Elbe H., ERDEMLİ M., Bag H. G.
BRATISLAVA MEDICAL JOURNAL-BRATISLAVSKE LEKARSKE LISTY, vol.117, no.7, pp.381-387, 2016 (SCI-Expanded)
- XXXIX. **Effect of crocin on oxidative stress in recovery from single bout of swimming exercise in rats**
ALTINÖZ E., ÖZMEN T., ONER Z., Elbe H., ERDEMLİ M. E., Bag H. G.
GENERAL PHYSIOLOGY AND BIOPHYSICS, vol.35, no.1, pp.87-94, 2016 (SCI-Expanded)
- XL. **Effect of chemotherapy exposure prior to pregnancy on fetal brain tissue and the potential protective role of quercetin**
Dogan Z., Kocahan S., Erdemli E., Kose E., YILMAZ İ., Ekincioglu Z., Ekinci N., Turkoz Y.
CYTOTECHNOLOGY, vol.67, no.6, pp.1031-1038, 2015 (SCI-Expanded)
- XLI. **Effects of propolis on biochemical and microbiological parameters in carp (Cyprinus carpio) filets exposed to arsenic**
Selamoglu Z., Duran A., Gulhan M. F., Erdemli M. E.
IRANIAN JOURNAL OF FISHERIES SCIENCES, vol.14, no.4, pp.896-907, 2015 (SCI-Expanded)
- XLII. **Amelioration of subchronic acrylamide toxicity in large intestine of rats by organic dried apricot intake**
ERDEMLİ M. E., DOĞAN Z., ÇİĞREMİŞ Y., Akgoz M., Altintoz E., Gecer M., TÜRKÖZ Y.

TURKISH JOURNAL OF BIOLOGY, vol.39, no.6, pp.872-878, 2015 (SCI-Expanded)

- XLIII. **Cytoprotective effects of amifostine, ascorbic acid and N-acetylcysteine against methotrexate-induced hepatotoxicity in rats**

Akbulut S., Elbe H., Eris C., Doğan Z., Toprak G., Otan E., Erdemli E., Turkoz Y.

WORLD JOURNAL OF GASTROENTEROLOGY, vol.20, no.29, pp.10158-10165, 2014 (SCI-Expanded)

- XLIV. **The Effect of Agoraphobia on Oxidative Stress in Panic Disorder**

Gul L. G., KARLIDAĞ R., Cumurcu B. E., TÜRKÖZ Y., KARTALCI Ş., Ozcan A., ERDEMLİ M. E.

PSYCHIATRY INVESTIGATION, vol.10, no.4, pp.317-325, 2013 (SCI-Expanded)

- XLV. **Effects of Organic Apricot on Liver Regeneration After Partial Hepatectomy in Rats**

YILMAZ İ., KARAMAN A., VARDI N., ÇETİN A., ERDEMLİ E.

TRANSPLANTATION PROCEEDINGS, vol.45, no.6, pp.2455-2460, 2013 (SCI-Expanded)

Articles Published in Other Journals

- I. **The Impact of Tartrazine and Thymoquinone on rats lungs**
ERDEMLİ Z., DEMİRCİGİL N., ERDEMLİ M. E.
Annals of Medical Research, 2024 (Peer-Reviewed Journal)
- II. **Effects of acrylamide and crocin on rat lung tissue**
ERDEMLİ Z., ERDEMLİ M. E., GÖZÜKARA BAĞ H. G., ALTINÖZ E.
Annals of Medical Research, vol.29, no.4, pp.397-400, 2022 (Peer-Reviewed Journal)
- III. **Vitamin E plays a protective role while acrylamide administration disrupted the placenta structure in pregnancy: An experimental study**
ERDEMLİ Z., ERDEMLİ M. E.
Annals of Medical Research, vol.27, no.12, pp.3217-3221, 2020 (Peer-Reviewed Journal)
- IV. **The effects of acrylamide and vitamin E administration during pregnancy on adults'xx ovarian tissue: An experimental study**
ERDEMLİ M. E., ERDEMLİ Z., TÜRKÖZ Y., GÖZÜKARA BAĞ H. G., SELAMOĞLU Z.
Annals of Medical Research, vol.26, no.9, pp.1856-1860, 2019 (Peer-Reviewed Journal)
- V. **The role of Crocin in an acrylamide-induced neurotoxicity model in Wistar rats**
ERDEMLİ M. E., ERDEMLİ Z., GÖZÜKARA BAĞ H. G., ALTINÖZ E.
Annals of Medical Research, vol.26, no.11, pp.2540-2544, 2019 (Peer-Reviewed Journal)
- VI. **Hepatoprotective effect of royal jelly, grape seed extract, and Lycium barbarum against diethylnitrosamine-induced liver toxicity in rats**
BİLĞİÇ S., DOĞAN Z., AZIRAK S., ERDEMLİ M. E., ÖNDERCI M., TÜRK A., ÖZER M. K.
Annals of Medical Research, vol.25, no.3, pp.342-348, 2018 (Peer-Reviewed Journal)
- VII. **Protective effects of sildenafil and resveratrol on ovarian ischemia reperfusion injury in rats**
ERTÜRK N., ELBE H., ERDEMLİ M. E., AKTAŞ S., YİĞİTTÜRK G., AKSUNGUR Z., SÜZEN A., ÖZTÜRK F.
Biomedical Research-India, vol.28, no.20, pp.8973-8990, 2017 (Peer-Reviewed Journal)
- VIII. **The hepatoprotective effect of Apricot against Acrylamide induced hepatotoxicity in rats**
ERDEMLİ M. E., ŞAHİN N., TÜRKÖZ Y., YILMAZ İ., ÇINAR K., AKGÖZ M., ÇİĞREMİŞ Y.
J Turgut Ozal Med Cent, vol.24, no.1, pp.48-53, 2017 (Peer-Reviewed Journal)
- IX. **Gebe Ratlara Uygulanan Akrilamid ve E vitamininin Plasenta Dokusu Üzerine Etkilerinin Araştırılması**
ERDEMLİ M. E., ALTINÖZ E., AKSUNGUR Z., DOĞAN Z., GÖZÜKARA BAĞ H. G., TÜRKÖZ Y.
Türk Tarım- Gıda Bilim ve Teknoloji Dergisi, vol.5, no.4, pp.349-352, 2017 (Peer-Reviewed Journal)
- X. **The effects of grape seed extract and low level laser therapy administration on the liver in experimentally fractured mandible**
ERDEMLİ M. E., AKGÜL H., EGE B., AKSUNGUR Z., GÖZÜKARA BAĞ H. G., SELAMOĞLU Z.
J Turgut Ozal Med Cent, vol.2, no.24, pp.127-133, 2017 (Peer-Reviewed Journal)
- XI. **Gebe Ratlara uygulanan Akrilamid ve E Vitaminin Plasenta Dokusu Üzerine Olası Etkilerinin Araştırılması**

ERDEMLİ M. E., ALTINÖZ E., AKSUNGUR Z., DOĞAN Z., GÖZÜKARA BAĞ H. G., TÜRKÖZ Y.

Turkish Journal of Agriculture - Food Science And Technology, vol.5, no.4, pp.349-352, 2017 (Peer-Reviewed Journal)

- XII. **The Effects of Ethanolic Pollen Extract in Various Concentrations on Total RNA and Total Protein Levels in Different Tissues of Rainbow Trout (*Oncorhynchus mykiss*)**
SELAMOĞLU Z., DURNA DASTAN S., GÜLHAN M. F., DASTAN T., ERDEMLİ M. E.
Analele Științifice ale Universității, 2015 (Peer-Reviewed Journal)
- XIII. **The Effects Of Apricot On Large Intestine Oxidative Stress Enzymes In Rats**
YILMAZ İ., DOĞAN Z., ERDEMLİ M. E., GÜRSOY Ş., GÖZÜKARA BAĞ H. G.
European Journal of Pharmaceutical and Medical Research, vol.2, no.2, pp.503-512, 2015 (Peer-Reviewed Journal)
- XIV. **In vitro Analyses of Antioxidant Activity of Extracts of Some Selected Plants from Nigde**
DUSGUN C., GÜLHAN M. F., DURUYUREK M., SELAMOĞLU Z., ERDEMLİ M. E.
EDUCA, 2015 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **The Impact of Tartrazine and Thymoquinone administration on rat liver**
DEMİRCİGİL N., ERDEMLİ M. E.
2th International Congress on Innovative Approaches in Medical and Health Sciences, İstanbul, Turkey, 15 December 2022
- II. **The Protective role of Thymoquinone against TCDD on kidneys; an experimental study**
ERDEMLİ M. E., ERDEMLİ Z.
2th International Congress on Innovative Approaches in Medical and Health Sciences, İstanbul, Turkey, 15 December 2022, pp.40-49
- III. **Effects of Crocin and Tartrazine on Kidney; an experimental study**
ERDEMLİ M. E.
1. International medicine sciences and multidisciplinary approaches congress, İstanbul, Turkey, 19 - 20 February 2021, pp.206-211
- IV. **Effects of Grape Seed Extract and Low Dose Laser Therapy on liver tissues of rats in experimental mandible fractured model**
ERDEMLİ M. E., ERDEMLİ Z.
1. International medicine sciences and multidisciplinary approaches congress, İstanbul, Turkey, 19 February 2021, pp.212-218
- V. **The effects of Tartrazine and its usage areas**
ERDEMLİ M. E., ERDEMLİ Z.
International Eurasian Conference on Biotechnology and Biochemistry. Ankara/Turkey, Ankara, Turkey, 16 - 18 December 2020, pp.839
- VI. **The effects of acrylamide and Vitamin E administration on adult female rat hippocampus and serum during pregnancy**
ERDEMLİ M. E.
International Eurasian Conference on Biotechnology and Biochemistry. Ankara/Turkey, Ankara, Turkey, 16 - 18 December 2020, pp.469-472
- VII. **The effects of acrylamide and vitamin e on pregnancy model rats**
ERDEMLİ M. E.
3rd International Eurasian Conference on Biological and Chemical Sciences, 19 - 20 March 2020
- VIII. **The effects of Thymoquinone on human health**
ERDEMLİ M. E., ERDEMLİ Z.
3rd International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 19 - 20 March 2020
- IX. **Protective effects of thymoquinone over the 2,3,7,8- Tetrachlorodibenzo-p-dioxin induced hepatotoxicity**

GÜL S., ERDEMLİ M. E., YIĞİTCAN B., GÜL M., GÖZÜKARA BAĞ H. G., AKSUNGUR Z.

15th Euro Global Summit on Toxicology and Applied Pharmacology. Berlin/Germany, Berlin, Germany, 2 - 04 July 2018

- X. **Protective effect of Quercetin against sodium fluoride toxicity in testicular tissue**
ZAYMAN E., GÜL S., GÜL M., ERDEMLİ M. E., GÖZÜKARA BAĞ H. G.
15th Euro Global Summit on Toxicology and Applied Pharmacology. Berlin/Germany, Berlin, Germany, 2 - 04 July 2018
- XI. **Protective role of Vitamin-E over the acetamiprid toxicity in mice testis**
GÜL S., ZAYMAN E., GÜL M., ERDEMLİ M. E., GÖZÜKARA BAĞ H. G.
15th Euro Global Summit on Toxicology and Applied Pharmacology. Berlin/Germany, Berlin, Germany, 2 - 04 July 2018
- XII. **The protective role of Crocin on acrylamide-induced oxidative neurotoxicity in rat**
ERDEMLİ M. E.
7 th World Congress of Oxidative Stress, Calcium Signaling and TRP Channels. Antalya/Turkey, 20 - 23 April 2018
- XIII. **Vitamin E and its significance for human health**
ERDEMLİ M. E.
7 th World Congress of Oxidative Stress, Calcium Signaling and TRP Channels. Antalya/Turkey, 20 - 23 April 2018
- XIV. **Quercetin and its significance for well-being**
ERDEMLİ M. E., SELAMOĞLU Z.
EuroSciCon Joint Event on Biotechnology, Stem Cell and Molecular Diagnostics. Amsterdam/Netherlands, Amsterdam, Netherlands, 16 - 17 April 2018
- XV. **The effects of acrylamide and Vitamin E administration during pregnancy on adult rat ovary tissues**
ERDEMLİ M. E., SELAMOĞLU Z., TÜRKÖZ Y.
EuroSciCon Joint Event on Biotechnology , Stem Cell and Molecular Diagnostics. Amsterdam/Netherlands, Amsterdam, Netherlands, 16 - 17 April 2018
- XVI. **Effects of Acrylamide and Vitamin E Administered during pregnancy on fetal brain development**
ERDEMLİ M. E., TÜRKÖZ Y., AKSUNGUR Z., ÇIĞLI A.
International Biochemistry Congress-2017/ 28 th National Biochemistry Congress. Erzurum/Turkey, Erzurum, Turkey, 19 - 23 September 2017
- XVII. **Effects of Acrylamide Administered During pregnancy on oxidant/antioxidant balance in maternal blood**
ERDEMLİ M. E., TÜRKÖZ Y., AKSUNGUR Z., ÇIĞLI A.
International Biochemistry Congress-2017/ 28 th National Biochemistry congress. Erzurum/Turkey, Erzurum, Turkey, 19 - 23 September 2017
- XVIII. **Micranatomical examination of the protective effect turmeric against toxic effect caused by acrylamide in the rat hippocampus.**
ULUDAĞ S., ÖZBAĞ D., DOĞAN Z., ANNAÇ E., ERDEMLİ M. E., DÜMLUPINAR E.
1st International Veterinary Anatomy Congress of Turkey Xth National Veterinary Anatomy Congress., 13 - 16 September 2017
- XIX. **A review on possible acrylamide exposure and its effects during pregnancy**
SELAMOĞLU Z., ERDEMLİ M. E.
9 th International Conference and Exhibition on Metabolomics and Systems Biology. Prague/Czech Republic, Prague, Czech Republic, 29 - 30 August 2017
- XX. **Saffron as anti-inflammatory agent in human health**
SELAMOĞLU Z., ERDEMLİ M. E.
9 th International Conference and Exhibition on Metabolomics and Systems Biology. Prague/Czech Republic, Prague, Czech Republic, 29 - 30 August 2017
- XXI. **The significance of apricot in human health and nutrition**
SELAMOĞLU Z., ERDEMLİ M. E.
9 th International Conference and Exhibition on Metabolomics and Systems Biology. Prague/Czech Republic, Prague, Czech Republic, 29 - 30 August 2017

- XXII. **Changes on some biochemical parameters in rat liver after grapeseed and low level laser applications**
AKGÜL H., ERDEMLİ M. E., SELAMOĞLU Z.
1. International Congress on Medicinal and Aromatic Plants 'xx Natural and Healthy Life'xx. Konya/Turkey, Prague, Czech Republic, 10 - 12 May 2017
- XXIII. **Comparision of Hipericum Perforatum and Quercetin Protective Role Against Ischemia/Reperfusion Injury of the Testis in Rats**
SÜZEN A., TEKİN L., ERDEMLİ M. E., ERTÜRK N., AKSUNGUR Z., AKTAŞ S.
EUPSA 2017 European Paediatric Surgeon's Association 18th European Congress. Limassol/Cyprus, Limasol, Cyprus (Gkry), 17 - 20 May 2017
- XXIV. **Oxidative changes in liver tissues of systemic ozone application after bone defect in rat mandibules**
SELAMOĞLU Z., ERDEMLİ M. E., AKGÜL H.
18 th ISANH Middle East World Congress 'xx Beirut Antioxidants2017'xx. Beirut/Lebanon, Beyrut, Lebanon, 3 - 04 May 2017
- XXV. **Oxidative stress in mother s blood due to acrylamide application during pregnancy**
ERDEMLİ M. E., AKSUNGUR Z., TÜRKÖZ Y.
6.th World Congress of Oxidatve stress, Calcium Signaling and TRP Channels.Isparta/Turkey, 24 - 27 May 2016
- XXVI. **Investigation of toxic effect of acrylamide on fetal brain development and protective potentials of N Acetylcysteine**
ERDEMLİ M. E., TÜRKÖZ Y., ALTINÖZ E.
6.th World Congress of Oxidative Stress and TRP Channels.Isparta/Turkey, 24 - 27 May 2016
- XXVII. **Den'in İndüklediği Hsk'ya Karşı Üzüm Çekirdeği Ekstresi, Kurt Üzümü Ve Arı Sütü'nün Koruyucu Etkisi**
BİLGİÇ S., DOĞAN Z., ÖNDERCİ M., AZIRAK S., ÇETİN M., ERDEMLİ M. E.
XXVII. Ulusal Biyokimya Kongresi. Antalya/Turkey, Turkey, 3 - 06 November 2015
- XXVIII. **Metotreksatile Oluşan Beyin ve Beyincik Hasarı Üzerine N-Asetilsistein, Amifostin ve Askorbik Asit'in Etkileri**
DOĞAN Z., AKBULUT A. S., ELBE H., ERDEMLİ M. E., TÜRKÖZ Y.
16.Ulusal Anatomi Kongresi. Malatya/Turkey, Turkey, 11 - 14 September 2014
- XXIX. **Effect of Chemotherapy Exposure Prior toPregnancy on Fetal Brain Tissue and the PotentialProtective Role of Quercetin**
DOĞAN Z., KOCAHAN S., ERDEMLİ M. E., KÖSE E., YILMAZ İ., ÖNER Z., EKİNCİ N., TÜRKÖZ Y.
5th International Congress on Cell Membranes and Oxidative Stress. Isparta/Turkey, 9 - 12 September 2014
- XXX. **The protective effect of quercetin on oxidative stress-induced by doxorubicin and cyclophosphamide in female's kidney and liver tissues**
KOCAHAN S., DOĞAN Z., ERDEMLİ M. E., TAŞKIN GÜVEN E.
5 th International congress on cell Membranes and oxidative stres : focus on calcium signaling and trp channels. Isparta/Turkey, 9 - 12 September 2014
- XXXI. **Effects of apricat on large intestine oxidative stress enzyms in male rats**
YILMAZ İ., DOĞAN Z., ERDEMLİ M. E., ÇETİN A., GÖZÜKARA BAĞ H. G.
International Multidisciplinary symposium on drug research & development. Antalya/Turkey, 28 - 30 November 2013
- XXXII. **Effects of apricat on large intestine oxidative stress enzyms in female rats**
YILMAZ İ., DOĞAN Z., ERDEMLİ M. E., ÇETİN A., GÖZÜKARA BAĞ H. G.
International Multidisciplinary symposium on drug research & development. Antalya/Turkey, 28 - 30 November 2013
- XXXIII. **Effects of Organic apricot on liver regeneration after partial hepatectomy in rats**
YILMAZ İ., ERDEMLİ M. E., DEMİRTAŞ S., KARAMAN A.
5 th International Congress on Nutrition & Cancer. Elazığ/Turkey, 9 - 12 September 2012
- XXXIV. **Organic Dried Apricot prevents the pre-carcinogenic and toxic effects of the acrylamide in the large intestine tissues of the rats.**

ERDEMLİ M. E., TÜRKÖZ Y.

Turkish –Febs Physiology Congress.İstanbul/Turkey, 3 - 07 September 2011

XXXV. **Investigation of the effects of chemotherapeutic agents applied before pregnancy on rat fetus development and morphological structure: Quercetin's possible protective role**

DOĞAN Z., ERDEMLİ M. E., KÖSE E., ÖNER Z., EKİNCİ N., TÜRKÖZ Y.

Joint Meeting of Anatomical Societies. Bursa/Turkey, 19 - 22 May 2011

Supported Projects

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Awards

Erdemli M. E., Selamoğlu Z., Türköz Y., Best Oral Presentation Award, Euroscicon Joint Event On Biotechnology, Stem Cell And Molecular Diagnostics, February 2018

Erdemli M. E., Young Investigator Scholarship Award, 6. International Oxidative Stress And Calcium Signaling And Trp Channels World Congress, May 2016

Erdemli M. E., Aksungur Z., Türköz Y., 2nd highest ranking of the poster Award, 6. International Oxidative Stress And Calcium Signaling And Trp Channels World Congress, May 2016

Erdemli M. E., Young Investigator Scholarship Award, 5 Th International Congress On Cell Membranes And Oxidative Stres: Focus On Calcium Signaling And Trp Channels, September 2014

Yılmaz İ., Erdemli M. E., Karaman A., Second Place Poster Award, 5 Th International Congress On Nutrition & Cancer, September 2012