

Asst. Prof. ÇAĞLAR ADIGÜZEL

Personal Information

Office Phone: [+90 202 155 9](tel:+902021559)

Email: caglaradiguzel@gazi.edu.tr

Web: <https://avesis.gazi.edu.tr/caglaradiguzel>

International Researcher IDs

ORCID: 0000-0003-3716-0051

Publons / Web Of Science ResearcherID: AID-4367-2022

Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Turkey 2016 - 2020

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Turkey 2011 - 2014

Undergraduate, Gazi University, Fen Fakültesi, Turkey 2006 - 2010

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, Ratlarda bendiocarb'ın sebep olduğu nefrotoksisite üzerine vitamin C ve E'nin koruyucu rolü, Gazi University, Fen Bilimleri Enstitüsü, 2020

Postgraduate, Diyabetli ve diyabetsiz ratlarda kurşun nitrat'ın ince bağırsak üzerine histopatolojik etkisi ve sodyum selenit'in koruyucu rolü, Gazi University, Fen Bilimleri Enstitüsü, 2014

Research Areas

Natural Sciences

Academic Titles / Tasks

Lecturer PhD, Gazi University, Fen Fakültesi, Biyoloji, 2021 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- Investigating the impact of different routes of nano and micro nickel oxide administration on rat kidney architecture, apoptosis markers, oxidative stress, and histopathology**
KARABODUK H., ADIGÜZEL Ç., APAYDIN F. G., KALENDER S., KALENDER Y.
Journal of Molecular Histology, 2024 (SCI-Expanded)
- Comparison of nickel oxide nano and microparticles toxicity in rat liver; molecular, biochemical and**

histopathological study

Adıgüzel Ç., Karaboduk H., Apaydın F. G., Kalender S., Kalender Y.

TOXICOLOGY RESEARCH, vol.12, no.5, pp.741-750, 2023 (SCI-Expanded)

- III. **Bendiocarb-induced nephrotoxicity in rats and the protective role of vitamins C and E**
Adıgüzel Ç., KALENDER Y.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.27, no.6, pp.6449-6458, 2020 (SCI-Expanded)

Articles Published in Other Journals

- I. **Fenamifos'un Sıçan Kan ve Dalak Dokusunda Sebep Olduğu Oksidatif Stres Üzerine Naringenin'in Koruyucu Rolü**
Karaboduk H., Adıgüzel Ç., Apaydın F. G., Kalender S., Uzunhisarcıklı M., Kalender Y.
Journal of the Institute of Science and Technology, vol.14, no.2, pp.1-11, 2024 (Peer-Reviewed Journal)
- II. **Dimethoate-induced oxidative stress and DNA damage in rat blood cells: preventive effects of ferulic acid**
Baş H., Apaydın F. G., Kalender S., Aydoğdu G., Adıgüzel Ç., Taştan H., Kalender Y.
TURK HIJIYEN VE DENEYSSEL BIYOLOJİ DERGİSİ. TURKISH BULLETIN OF HYGIENE AND EXPERIMENTAL BIOLOGY, vol.79, no.2, pp.243-254, 2022 (Scopus)
- III. **Histopathological Effect of Bendiocarb on Small Intestine Tissues of Rats: Role of Vitamins C and E**
APAYDIN F. G., Bas H., KALENDER S., Adıgüzel Ç., KALENDER Y.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.32, no.2, pp.402-407, 2019 (ESCI)
- IV. **Lead nitrate induced toxic effects on small intestine tissues in diabetic and non-diabetic rats: Role of sodium selenite**
ADIGÜZEL Ç., KALENDER Y.
Gazi University Journal of Science, vol.28, no.4, pp.541-544, 2015 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **OXIDATIVE STRESS CAUSED BY NICKEL OXIDE NANOPARTICLES IN RAT PANCREAS TISSUE**
Karaboduk H., Adıgüzel Ç., Apaydın F. G., Kalender S., Kalender Y.
9th ANKARA INTERNATIONAL CONGRESS ON SCIENTIFIC RESEARCH, Ankara, Turkey, 26 - 29 December 2023, pp.903-904
- II. **COMPARISON OF THE OXIDATIVE STRESS CAUSED BY DIFFERENT APPLICATIONS OF NICKEL OXIDE IN THE STOMACH OF RAT**
Adıgüzel Ç., Karaboduk H., Apaydın F. G., Kalender S., Kalender Y.
INTERNATIONAL EUROASIA Congress on Scientific Researches and Recent Trends 12, Ankara, Turkey, 29 - 30 November 2023, pp.1226-1228
- III. **OXIDATIVE STRESS CAUSED BY ORAL, INTRAPERITONEAL AND INTRAVENOUSLY ADMINISTERED NICKEL OXIDE NANOPARTICLES IN THE RAT SPLEEN TISSUE**
Karaboduk H., Adıgüzel Ç., Apaydın F. G., Kalender S., Kalender Y.
2nd INTERNATIONAL PARIS CONGRESS ON APPLIED SCIENCES, Paris, France, 25 - 27 August 2023, pp.141-149
- IV. **SUBACUTE EFFECT OF NICKEL OXIDE INDUCED OXIDATIVE STRESS IN RAT ERYTHROCYTES**
Adıgüzel Ç., Karaboduk H., Apaydın F. G., Kalender S., Kalender Y.
Azerbaijan International Congress of Scientific Research, Baku, Azerbaijan, 16 - 17 August 2023, pp.214-225
- V. **Lead nitrate and cadmium chloride induced rats thyroid pathology and effects of sesamol**
ADIGÜZEL Ç., KARABODUK H., APAYDIN F. G., KALENDER Y.
5th International Aegean Symposium on Natural & Medical Sciences, İzmir, Turkey, 25 February 2022
- VI. **The protective role of gallic acid on fenitrothion induced epididymal toxicity in rats**
ADIGÜZEL Ç., APAYDIN F. G.

4th International Eurasian Conference on Biological and Chemical Sciences, 24 November 2021

- VII. **Fenitrothion'un sıçan kanında meydana getirdiđi oksidatif stres üzerine gallik asidin koruyucu rolü.**
Adıgüzel Ç., Apaydın F. G., Kalender Y.
Başkent 3. Ulusal Disiplinler Arası Bilimsel Çalışmalar Kongresi, Ankara, Turkey, 14 - 15 March 2021

Supported Projects

Uzunhisarcıklı M., Kalender Y., Apaydın F. G., Adıgüzel Ç., Karaboduk H., Project Supported by Higher Education Institutions, Ratlarda Abamektin'in Sebep Olduđu Toksikite Üzerine Melatonin'in Koruyucu Rolü, 2022 - 2024
APAYDIN F. G., KALENDER Y., KALENDER S., UZUNHİSARCIKLI M., ADIGÜZEL Ç., KARABODUK H., Project Supported by Higher Education Institutions, Sıçanlarda Fenamifosun Sebep Olduđu Karaciđer ve Böbrek Toksikitesi Üzerine Naringenin'in Koruyucu Rolü, 2022 - 2024

Metrics

Publication: 18

Citation (WoS): 8

Citation (Scopus): 9

H-Index (WoS): 1

H-Index (Scopus): 2