

Asst. Prof. IŞIL SEZEKLER

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Biyoloji (YI) (Tezli), Turkey 2001 - 2007

Postgraduate, Marmara University, Ataturk Faculty of Education, Mathematics and Science Education, Turkey 1998 - 2001

Undergraduate, Marmara University, Ataturk Faculty of Education, Mathematics and Science Education, Turkey 1994 - 1998

Dissertations

Doctorate, Ornithogalum sigmoideum Freyn ve Sınt'da sitoembriyolojik ve sitokimyasal çalışmalar, Marmara Üniversitesi, Institute for Graduate Studies in Pure and Applied Sciences, Biyoloji (YI) (Tezli), 2007

Postgraduate, Buğdaylarda poliaminlerin ve poliamin biyosentez inhibitörlerinin mitotik etkileri, Marmara Üniversitesi, Ataturk Faculty of Education, Mathematics and Science Education, 2001

Academic Titles / Tasks

Assistant Professor, Marmara University, Faculty of Arts and Sciences, Biology, 2017 - Continues

Research Assistant, Marmara University, Faculty of Arts and Sciences, Biology, 2002 - 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- Investigation of the biochemical and apoptotic changes in breast cancer cells treated with leaf extract from tea (*Camellia sinensis* L.) grown with added boric acid**

SEZEKLER I., Ersoz M., TURAN M. A., Coskun Z. M.

PAKISTAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.33, no.5, pp.1927-1932, 2020 (SCI-Expanded)

Articles Published in Other Journals

- Analysis of antioxidant capacity, total phenolic and total flavonoid contents in boric acid applied *Camellia sinensis* L.**

Sezekler I.

Frontiers in Life Sciences and Related Technologies (Online), vol.5, no.2, pp.108-114, 2024 (Peer-Reviewed)

Journal)

- II. **Effects of boric-acid-applied green tea on the expressions of heat shock proteins in MCF-7 cells**
ERSÖZ M., Kacar A. K., SEZEKLER I., Coskun Z. M.
CUKUROVA MEDICAL JOURNAL, vol.44, no.1, pp.66-71, 2019 (ESCI)
- III. **The Effects of Camellia sinensis Extract on Proliferation, Apoptosis and Oxidative Stress in Insulinoma INS-1 Cells**
KARATUĞ KAÇAR A., ERSÖZ M., SEZEKLER I., COŞKUN Z. M.
Bezmialem Science, vol.7, no.2, pp.80-85, 2018 (Peer-Reviewed Journal)
- IV. **The effects on some early germination parameters and mitotic activity in lentil Lens culunaris Medik**
EROL Ç., İSMAİLOĞLU I., ÖZ G., ÜNAL M., YENTÜR S.
Journal of Applied Biological Sciences, vol.2, no.3, pp.1-7, 2008 (Peer-Reviewed Journal)
- V. **Effect of spermidine spermine and cyclohexylamine on mitotic activity of 2X 4X and 6X wheats**
İSMAİLOĞLU I., ÜNAL M., ÜNSAL Z. N.
Journal Cell and Molecular Biology, vol.3, no.2, pp.83-88, 2004 (Peer-Reviewed Journal)

Papers Published in Refereed Scientific Meetings

- I. **The Effects of Camellia sinensis extractc on proliferation, apoptosis, oxidative stress in INS1 cells.**
ERSÖZ M., KARATUĞ KAÇAR A., SEZEKLER I., COŞKUN Z. M.
Uluslararası Biyokimya Kongresi-2017/28. Ulusal Biyokimya Kongresi, Atatürk Üniversitesi, Erzurum, Türkiye., Erzurum, Turkey, 19 - 23 September 2017
- II. **Can Boric Acid application change the cytotoxic, antioxidant, antiproliferative and apoptotic effects of Camellia sinensis L. on MCF-7 cells?**
COŞKUN Z. M., ERSÖZ M., SEZEKLER I.
42nd FEBS Congress, Jerusalem, Israel, Kudus, Indonesia, 10 - 14 September 2017
- III. **Borik asit uygulanan Camellia sinensis ekstraktlarının insan meme kanseri hücreleri üzerindeki oksidatif hasara olan etkileri**
ERSÖZ M., COŞKUN Z. M., İSMAİLOĞLU I.
Ulusal Tıbbi Biyoloji ve Genetik Kongresi (Uluslararası katılımlı), Turkey, 27 - 30 October 2015

Metrics

Publication: 9

Non Academic Experience

Marmara Üniversitesi, Araştırma Görevlisi