

Lect. PhD OKAN ONAR

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAE-8706-2020

ScopusID: 57191055157

Yoksis Researcher ID: 316315

Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Biyoloji (Dr), Turkey 2016 - 2022

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Biyoloji (YI) (Tezli), Turkey 2012 - 2015

Undergraduate, Eskişehir Osmangazi University, Fen-Edebiyat Fakültesi, Biyoloji Bölümü, Turkey 2008 - 2012

Dissertations

Doctorate, Effect of Clitocybe nebularis on the cell cycle in human colon cancer cells , Ankara University, Fen Bilimleri Enstitüsü, 2022

Postgraduate, In vitro antioxidant activities of an ethanolic extract of Fomitopsis pinicola , Ankara University, Fen Bilimleri Enstitüsü, 2015

Research Areas

Biochemistry, Molecular Biology and Genetics, Molecular Biology of Cancer

Academic Titles / Tasks

Lecturer, Ankara University, Fen Fakültesi, Biyoloji Bölümü, 2020 - Continues

Courses

Enzymology, Undergraduate, 2023 - 2024, 2022 - 2023

Published journal articles indexed by SCI, SSCI, and AHCI

1. Clitocybe nebularis extract and 5-fluorouracil synergistically inhibit the growth of HT-29 colorectal

cancer cells by inducing the S phase arrest

Onar O., Telkoparan-Akillilar P., Yildirim Ö.

3 Biotech, vol.13, no.2, 2023 (SCI-Expanded)

II. The Remarkable Antibiofilm Activity of the Sweet Tooth Mushroom, *Hydnum repandum* (Agaricomycetes) Displaying Synergetic Interactions with Antibiotics

Dizeci N., Karaca B., Onar O., Çöleri Cihan A., Akata I., Yildirim Ö.

INTERNATIONAL JOURNAL OF MEDICINAL MUSHROOMS, vol.23, no.10, pp.45-60, 2021 (SCI-Expanded)

III. Comparison of the chemical composition and biological effects of *Clitocybe nebularis* and *Infundibulicybe geotropa*

Dizeci N., ONAR O., KARACA B., Demirtas N., ÇÖLERİ CİHAN A., YILDIRIM Ö.

MYCOLOGIA, vol.113, pp.1156-1168, 2021 (SCI-Expanded)

IV. Antioxidant, Anticancer, Antimicrobial, and Antibiofilm Properties of the Culinary-Medicinal Fairy Ring Mushroom, *Marasmius oreades* (Agaricomycetes)

Shomali N., ONAR O., KARACA B., Demirtas N., ÇÖLERİ CİHAN A., AKATA I., Yildirim Ö.

INTERNATIONAL JOURNAL OF MEDICINAL MUSHROOMS, vol.21, no.6, pp.571-582, 2019 (SCI-Expanded)

V. Antioxidant Activity of Extracts from the Red-Belt Conk Medicinal Mushroom, *Fomitopsis pinicola* (Agaricomycetes), and Its Modulatory Effects on Antioxidant Enzymes

ONAR O., AKATA I., SAĞDIÇOĞLU CELEP A. G., YILDIRIM Ö.

INTERNATIONAL JOURNAL OF MEDICINAL MUSHROOMS, vol.18, no.6, pp.501-508, 2016 (SCI-Expanded)

Articles Published in Other Journals

I. ANTIOXIDANT ACTIVITIES OF TURKISH EXTRA VIRGIN OLIVE OILS

Sakou S., Koca G., Onar O., Yildirim Ö.

Communications/ Faculty of Sciences University of Ankara Series C: Biology and Geological Engineering and Geophysical Engineering, vol.31, no.1, pp.26-38, 2022 (Peer-Reviewed Journal)

II. Investigation of the Polyphenol Composition, Biological Activities, and Detoxification Properties of Some Medicinal Mushrooms from Turkey

Shomali N., ONAR O., Alkan T., Demirtas N., AKATA I., YILDIRIM Ö.

TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.16, no.2, pp.155-160, 2019 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

I. New hybrid compounds with potential activity based on Sulfisoxazole: Synthesis, characterization and study of anti-cancer activities

Ibrahimova N., Özdemir Özmen Ü., Çete S., Akın Anakök D., Cuhacı U., Telkoparan-Akillilar P., Onar O.

ACS Fall 2023, California, United States Of America, 13 August - 17 September 2023, pp.179

II. Cytotoxic Effect Of *Clitocybe Nebularis* Extract On Breast Cancer Cells

Onar O., Yildirim Ö.

8th Multidisciplinary Cancer Research Congress, Bursa, Turkey, 16 - 17 January 2021, pp.149

III. Evaluation of anticancer and antioxidant activities of *Lycoperdon* sp

Onar O., Shomali N., Akata I., Yildirim Ö.

7. Multidisipliner Kanser Araştırma & 1. Temel Onkoloji Kongresi, İzmir, Turkey, 11 - 14 October 2018, pp.221

IV. Investigation of Polyphenol Contents and Antioxidant Activities of *Lactarius delicious* and *Lactarius salmonicolor* Mushrooms

Shomali N., Onar O., Akata I., Yildirim Ö.

12th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 June 2018, pp.347

V. ANTICANCER AND ANTI-INFLAMMATORY ACTIVITIES OF EDIBLE MUSHROOM *HYDNUM REPANDUM*

SHOMALI N., ONAR O., AKATA I., YILDIRIM Ö.

12th International Symposium on Pharmaceutical Sciences, 26 - 29 June 2018

VI. Anti-proliferative Effect of Novel Melatonin Analogs on Breast Cancer Cells

Onar O., Telkoparan Akıllılar P., Durgun K., Sibel S., Yildirim O.

12th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 June 2018, pp.317

VII. Screening antioxidant and antimicrobial properties of Polyporus squamosus and Cantharellus cibarius extracts and their effects on glutathione S transferase activity

Shomali N., Onar O., AKATA I., YILDIRIM Ö.

6.Multidisipliner Kanser Araştırma Kongresi, 27 - 30 October 2016

VIII. Antioxidant properties of Russula chloroides Ganoderma adspersum and Inonotus hispidus extracts and their effects on glutathione S transferase

Shomali N., Onar O., AKATA I., Alkan T., YILDIRIM Ö.

2nd International Congress of Forensic Toxicology, 26 - 30 May 2016

Supported Projects

Onar O., TÜBİTAK Project, Exploring the Role of mRNA Translation Machinery in Cellular Response to Radiotherapy in Colorectal Cancer Cells, 2024 - 2025

Onar O., Yıldırım Ö., Project Supported by Higher Education Institutions, Nebularinin İnsan Kolon Kanseri Hücre Hattı Üzerine Etkisinin Araştırılması, 2021 - 2022

Metrics

Publication: 15

Citation (WoS): 41

Citation (Scopus): 48

H-Index (WoS): 3

H-Index (Scopus): 3