

Res. Asst. MERVE AKKULAK

Personal Information

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Education Information

Doctorate, Middle East Technical University, Faculty of Arts and Sciences, Department of Biology, Turkey 2016 - Continues

Post Graduate, Middle East Technical University, Faculty of Arts and Sciences, Department of Biology, Turkey 2014 - 2016

Under Graduate, Middle East Technical University, Faculty of Arts and Sciences, Department of Biology, Turkey 2009 - 2014

Foreign Languages

English, C2 Proficiency

Dissertations

Post Graduate, Effects of resveratrol and quercetin on vitamin d metabolizing cytochrome p450 enzymes , Middle East Technical University, Faculty Of Arts And Sciences, Department Of Biology, 2016

Research Areas

Life Sciences

Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty of Arts and Sciences, Department of Biology, 2017 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Effect of cisplatin treatment on protein expression of vitamin D metabolizing CYP24A1 in PC3 cell line**
EVİN E., Durukan O., AKKULAK M., ADALI O.
FEBS OPEN BIO, vol.8, pp.326, 2018 (Journal Indexed in SCI)
- **Effect of quercetin on mRNA and protein expressions of vitamin D metabolizing CYP27B1 and CYP24A1 in human embryonic kidney cell line (HEK-293)**
Akkulak M., Evin E., Durukan Ö., Özhan G., Adalı O.

● FEBS OPEN BIO, vol.8, pp.352, 2018 (Journal Indexed in SCI)

Alteration of protein and gene expressions of Hexokinase II in PC3 cell lines by cisplatinmetformin combination treatment

Durukan Ö., Akkulak M., Evin E., Arslan Ş., Adalı O.

FEBS OPEN BIO, vol.8, pp.352, 2018 (Journal Indexed in SCI Expanded)

Refereed Congress / Symposium Publications in Proceedings

● **Analysis of Protein and mRNA Expressions of CYP1A1 and CYP2E1 Enzymes In Liver, Colon And Prostate Cancer Cell Lines to Study Drug and Carcinogen Metabolism**

Evin E., Karakurt S., Akkulak M., Adalı O.

International Congress on Advances in BioScience and Biotechnology, Sarajevo, Bosnia And Herzegovina, 25 - 29 October 2017, pp.59

● **Effects of plant phenolic compounds tannic acid and resveratrol on prostate cancer metastasis**

KARAKURT S., AKKULAK M., EVİN E., ADALI O.

FEBS EMBO 2014 Conference, Paris, France, 30 August - 04 September 2014, vol.281, pp.460

Supported Projects

ADALI O., AKKULAK M., EVİN E., DURUKAN Ö., Project Supported by Higher Education Institutions, CYP2W1 geninin RNA interferans (RNAi) yöntemi ile susturularak epitelyal mezenkimal geçişteki rolünün kolon kanser hücre hattında incelenmesi, 2020 - Continues

ADALI O., AKKULAK M., Project Supported by Higher Education Institutions, Benzimidazol ve Benzotiyazol Türevlerinin Antikanser Etkilerinin İnsan Adenokarsinom Hücrelerinde Araştırılması, 2020 - Continues

Adalı O., Evin E., Akkulak M., Çulcu T., Özyel B., Project Supported by Higher Education Institutions, Beslenme alışkanlığında Kurkumin bileşiğinin kolon kanseri üzerine etkilerinin araştırılması, 2018 - 2019

ADALI O., AKKULAK M., DURUKAN Ö., EVİN E., GÜRAY N. T. , Project Supported by Higher Education Institutions, Hezkokinaz II proteininin prostat kanseri hücre hatlarındaki ekspresyonunun antidiyabet ve antikanser ilaç kombinasyonlarına bağlı değişimi, 2018 - 2019

Adalı O., Güray N. T. , Evin E., Akkulak M., Durukan Ö., Project Supported by Higher Education Institutions, Hezkokinaz II proteininin prostat kanseri hücre hatlarındaki ekspresyonunun antidiyabet ve antikanser ilaç kombinasyonlarına bağlı değişimi, 2018 - 2019