

Asst. Prof. Burak Muğdat Karan

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: JXL-2780-2024

Yoksis Researcher ID: 422022

Education Information

Doctorate, The Queen's University of Belfast, School of Medicine, The Wellcome Wolfson Institute for Experimental Medicine, England 2020 - 2024

Postgraduate, Van Yüzüncü Yil University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, Turkey 2016 - 2018

Undergraduate, Gebze Technical University, Temel Bilimler Fakültesi, Molecular Biology and Genetic, Turkey 2011 - 2016

Foreign Languages

English, C1 Advanced

Dissertations

Postgraduate, Türkiye'nin Doğu Anadolu popülasyonunda özofagus kanseri ve P21 polimorfizmleri arasındaki ilişki, Van Yüzüncü Yil University, Sağlık Bilimleri Enstitüsü, Tıbbi Biyoloji (YI) (Tezli), 2018

Research Areas

Medical Biology, Medical Genetics, Molecular Biology and Genetics

Academic Titles / Tasks

Assistant Professor, Van Yüzüncü Yil University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2025 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- Sitagliptin eye drops prevent the impairment of retinal neurovascular unit in the new Trpv2+/- rat model**
Ramos H., Augustine J., Karan B. M., Hernández C., Stitt A. W., Curtis T. M., Simó R.
Journal of Neuroinflammation, vol.21, no.1, 2024 (SCI-Expanded)
- Linking CDH1 SNPs to gastric cancer risk: a comprehensive analysis of rs16260, rs13689, and rs9929218**

Aslan F., Almalı N., Kaya Z., Güven M., Şahin E. S., Özdemir A., Duran S., Binici S., Karan B. M., Uygur S.
Molecular Biology Reports, vol.51, no.1, 2024 (SCI-Expanded)

III. **Aldehyde Dehydrogenase and Aldo-Keto Reductase Enzymes: Basic Concepts and Emerging Roles in Diabetic Retinopathy**

Karan B. M., Little K., Augustine J., Stitt A. W., Curtis T. M.
Antioxidants, vol.12, no.7, 2023 (SCI-Expanded)

IV. **CDKN1A (p21 gene) polymorphisms correlates with age in esophageal cancer**

Kaya Z., Karan B. M., Almalı N.
MOLECULAR BIOLOGY REPORTS, vol.49, no.1, pp.249-258, 2022 (SCI-Expanded)

Articles Published in Other Journals

I. **The Association Between Platelet-Derived Growth Factor Receptor- β Polymorphisms and Idiopathic Pulmonary Fibrosis**

Kaya Z., Duran S., Günbatar H., Sahin E. S., Karan B. M.
Eastern Journal of Medicine, vol.28, no.1, pp.139-145, 2023 (Scopus)

II. **Evaluation of TP53 codon 72 polymorphism in esophageal cancer susceptibility in Eastern Anatolia region of Turkey**

Kaya Z., Almalı N., Karan B. M., Görgişen G.
Eastern Journal of Medicine, vol.26, no.3, pp.388-395, 2021 (Scopus)

Metrics

Publication: 6

Citation (Scopus): 13

H-Index (Scopus): 2

Non Academic Experience

University, The Queen's University of Belfast, The Wellcome Wolfson Institute for Experimental Medicine, Research Assistant