

## Asst. Prof. Burak Muğdat Karan

### Personal Information

**Email:** bkaran@yyu.edu.tr

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### International Researcher IDs

ORCID: 0000-0002-9362-9267

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- $\beta$  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