

## Lect. PhD Bilgi Erbay

### Personal Information

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### International Researcher IDs

ORCID: 0000-0002-7006-8110

Publons / Web Of Science ResearcherID: KLB-9525-2024

Yoksis Researcher ID: 394731

### Education Information

Doctorate, The University of Leeds, Biological Sciences, Molecular and Cellular Biology, England 2019 - 2023

Postgraduate, Firat University, Tıp Fakültesi, Tıbbi Biyoloji, Turkey 2016 - 2018

Undergraduate, Firat University, Mühendislik Fakültesi, Biomühendislik, Turkey 2012 - 2016

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, Targeting the promoter of the cell division cycle 20 (CDC20) gene to develop oncolytic Adenoviruses for cancer therapy, University of Leeds, Faculty of Biological Sciences, School of Molecular and Cellular Biology, 2023

Postgraduate, Prematür over yetmezlik sıçan modellerinde mitokondrial biyogenez yollarının araştırılması, Firat University, Tıp Fakültesi, Tıbbi Biyoloji Anabilim Dalı, 2018

### Research Areas

Microbiology, Molecular Biology and Genetics, Health Sciences, Natural Sciences

### Academic Titles / Tasks

Lecturer PhD, Van Yüzüncü Yıl University, Fen Fakültesi, Moleküler Biyoloji ve Genetik Bölümü, 2023 - Continues

### Published journal articles indexed by SCI, SSCI, and AHCI

#### I. Viruses and Cajal Bodies: A Critical Cellular Target in Virus Infection?

Erbay B., Lettin L., Blair G. E.

VIRUSES, vol.15, no.12, 2023 (SCI-Expanded)

- II. **The Cajal body protein p80-coilin forms a complex with the adenovirus L4-22K protein and facilitates the nuclear export of adenovirus mRNA.**

White L., Erbay B., Blair G. E.

mBio, vol.14, 2023 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Effects and Mechanism of AP39 on Ovarian Functions in Rats Exposed to Cisplatin and Chronic Immobilization Stress**

Önalán E., Erbay B., Erol D., Tektemur A., Kuloğlu T., Özercan İ. H.

Journal of Menopausal Medicine, vol.30, pp.104-119, 2024 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Analysing co-cultured multicellular tumour spheroids (MCTS) for selective killing of p53-negative cancer cells by novel recombinant Adenoviruses**

Erbay B., Blair G. E.

LCDM Annual Meeting, Leeds, England, 08 March 2023, pp.3

- II. **Novel Oncolytic Adenoviruses whose replication is driven by CDC20 promoter show selective targeting of p53-negative cancer cells**

Erbay B., Blair G. E.

ESGCT/BSGCT Collaborative Congress, Edinburgh, England, 11 - 14 October 2022, pp.23

- III. **Interaction of the Adenovirus 5 L4-22K/33K proteins with the p80-coilin protein of Cajal bodies**

Erbay B., Blair G. E.

DNA Tumour Virus Meeting, Cambridge, England, 24 - 30 July 2022, pp.16

- IV. **Analyses of CDC20 as a Potential Tumour Selective Promoter**

Erbay B., Blair G. E.

FBS Postgraduate Symposium, Leeds, England, 13 - 16 September 2021, pp.15

- V. **Investigation of the mitochondrial biogenesis pathways in premature ovarian failure rat models.**

Erbay B., Tektemur A., Önalán E., Kuloğlu T., Erol D., Özercan İ. H., Buran İ., Seferoğulları S.

Journal of Cellular Neuroscience & Oxidative Stress, Antalya, Turkey, 01 July 2018, vol.10

- VI. **Investigating of Piezo 1 and Piezo 2 ion channel expressions in human primary malignant mesothelioma.**

Erbay B., Önalán E., Tektemur A., Çalık İ., Kuloğlu T., Buran İ., Danış N.

Journal of Cellular Neuroscience & Oxidative Stress, Antalya, Turkey, 01 July 2018, pp.5

## Memberships / Tasks in Scientific Organizations

COST Action CA21116: Identification of biological markers for prevention and translational medicine in pancreatic cancer, Member, 2022 - 2026, Germany

## Metrics

Publication: 9

Citation (Scopus): 7

H-Index (Scopus): 2

## Scholarships

YLSY, Other International Organizations, 2017 - 2023