

Lect. PhD Bilgi Erbay

Personal Information

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International Researcher IDs

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

Yoksis Researcher ID: 394731

Education

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 Positions

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

Journal articles indexed in 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

Önalın E., Erbay B., Erol D., Tektemur A., Kulođlu T., Özeran İ. H.

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

Papers Presented at Peer-Reviewed Scientific Conferences

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, (Summary Text)

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, (Summary Text)

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, (Summary Text)

IV. Analyses of CDC20 as a Potential Tumour Selective Promoter

Erbay B., Blair G. E.

FBS Postgraduate Symposium, Leeds, England, 19 - 21 July 2021, pp.15, (Summary Text)

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

Erbay B., Tektemur A., Önalın E., Kulođlu T., Erol D., Özeran İ. H., Buran İ., Seferođulları S.

Journal of Cellular Neuroscience & Oxidative Stress, Antalya, Turkey, 01 July 2018, vol.10, (Unpublished)

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

Erbay B., Önalın E., Tektemur A., Çalık İ., Kulođlu T., Buran İ., Danış N.

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

Funded Projects

Erbay B., Blair G. E., Universities of Other Countries Supported Project, 'Investigating the targeted killing of p53-negative pancreatic cancer cells by novel recombinant adenoviruses, 2025 - 2025

Erbay B., Blair G. E., White L., Universities of Other Countries Supported Project, Investigating the interaction between the Cajal body and adenovirus late proteins, 2022 - 2023

Memberships and Roles 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

Scholarships

YLSY, Other International Organizations, 2017 - 2023