

ENES BAL

RES. ASST.

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International Researcher IDs

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Publons / Web Of Science ResearcherID: JZT-2236-2024

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Education

Doctorate 2023 - Continues	Istanbul Kultur University, Lisansüstü Eğitim Enstitüsü, Moleküler Biyoloji Ve Genetik (Dr), Turkey
Postgraduate 2021 - 2023	Uskudar University, Fen Bilimleri Enstitüsü, Moleküler Biyoloji (YI) (Tezli), Turkey
Undergraduate 2017 - 2021	Istanbul Kultur University, Fen-Edebiyat Fakültesi, Moleküler Biyoloji Ve Genetik Bölümü, Turkey

Certificates, Courses and Trainings

- Health&Medicine, AutoDock Vina İle Uygulamalı Moleküler Docking, Çanakkale 18 Mart Üniversitesi, 2023
- Health&Medicine, 1. Nörobilim Yaz Kursu, Sinirbilim Topluluğu, 2021
- Health&Medicine, Whole genome sequencing of bacterial genomes – tools and applications, DTU – Technical University of Denmark, 2021
- Health&Medicine, Introduction to the Biology of Cancer Course, The John Hopkins University School of Medicine, 2021
- Health&Medicine, Introduction to Breast Cancer, Yale University, 2021
- Health&Medicine, Fundamentals of Immunology: Death by Friendly Fire, Rice University, 2021
- Personal Evolution, Speak English Professionally, Georgia Institute of Technology, 2020
- Health&Medicine, Drug Commercialization, UC San Diego University, 2020
- Health&Medicine, The Challenges of Global Health , Duke University, 2020
- Personal Evolution, Successful Presentation, University of Colorado, 2020
- Health&Medicine, Epidemiology: The Basic Science of Public Health, The University of North Carolina of Chapel Hill, 2020
- Health&Medicine, Drug Development, UC San Diego University, 2020
- Health&Medicine, Bacteria and Chronic Infections, University of Copenhagen, 2020
- Personal Evolution, AI for Everyone, Deeplearning.ai, 2020
- Health&Medicine, COVID-19 Contact Tracing, The Johns Hopkins University, 2020
- Health&Medicine, Drug Discovery, UC San Diego University, 2020
- Personal Evolution, Write Professional E-mails in English, Georgia Institute of Technology, 2020

Dissertations

Postgraduate, Crispr prime editing gen düzenleme yaklaşımları kullanılarak Survival Motor Nöron-2 (SMN2) geni üzerindeki nokta mutasyonların onarım etkinliğinin araştırılması, Uskudar University, FEN BİLİMLERİ ENSTİTÜSÜ, MOLEKÜLER BİYOLOJİ, 2023

Academic Titles / Tasks

Research Assistant
2023 - Continues

Istanbul Kultur University, Fen-Edebiyat Fakültesi, Moleküler Biyoloji ve Genetik

Supported Projects

- Bal E., Kibar C., Yılmaz D., TÜBİTAK Project, Warfarin ilacının farklı reseptör profili MDA-MB-231 ve BT-474 hücrelerinde ferroptoz yolına etkisinin araştırılması, 2024 - 2025
- Bal E., Aydın Y. E., Özfiliz Kılbaş P., Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Pankreas kanseri ve olgun adiposit hücreleri ile oluşturulan ko-kültür modelinde anti-obezite ilacı orlistatin tümör mikroçevresi ve lipit metabolizması-aracılı olarak epitel-mezenkimal dönüşümde ve apoptozdaki rolünün araştırılması, 2023 - 2025

Awards

- Bal E., Fakülte Üçüncülüğü Derece Ödülü, İstanbul Kültür Üniversitesi, September 2021
- Bal E., RaDiChal'20 Golden Medallist, Rare Disease Challenge 2020, October 2020
- Bal E., Best Poster Award, Rare Disease Challenge 2020, October 2020
- Bal E., RaDiChal'20 Champion Award, Rare Disease Challenge 2020, October 2020
- Bal E., 1st Place in the SMA Teams Award, Rare Disease Challenge 2020, October 2020

Scholarships

TÜBİTAK 2210-A Genel Yurtiçi Yüksek Lisans Bursu, TÜBİTAK, 2022 - 2023

Articles Published in Other Journals

- Autonomous Remotely Controlled Closed System Transgenic Cell Technologies Robot: CRISPR.BOT**
Erkek F., Gülten G., Sert B., Yılmaz M. Ç., Odabaş S. P., BAL E., Yelgen G., Teymur T., Ay Y., Doğdu Ş., et al.
Cold Spring Harbor Laboratory, 2022 (Peer-Reviewed Journal)
- Exon7 Targeted CRISPR-Prime Editing Approaches for SMN2 Gene Editing in Spinal Muscular Atrophy (SMA) Disease Can Increase In Vitro SMN Expression**
BAL E., Yelgen G., Odabaş S. P., Metin A. S., Karakaya E., Gülten G., Sert B., Teymur T., Ay Y., Tiryaki N. N., et al.
Cold Spring Harbor Laboratory, 2022 (Peer-Reviewed Journal)

Books

- Investigating Cancer Tumor Microenvironment In vitro: Co-Culture Studies on Adipocytes and**

Cancer Cells

Rencüzoğulları Ö., Özfiliz Kılbaş P., Bal E., Ayhan Şahin B.

in: Technologies in Cell Culture-A Journey From Basics to Advanced Applications , Prof. Soumya Basu,Dr. Amit Ranjan,Dr. Subhayan Sur, Editor, IntechOpen, London, pp.1-21, 2023

Refereed Congress / Symposium Publications in Proceedings

1. Exon7 Targeted CRISPR-Prime Editing Approaches for SMN2 Gene Editing in Spinal Muscular Atrophy

İnci C. C., Babar H. A., Kılıç Ö., Kulaç S., Oltan S., Yelgen G., Odabaş S. P., Sert B., Bal E., Taştan C.

4th Scientific Internatianol Congress on Spinal Muscular Atrophy, Ghent, Belgium, 14 - 16 March 2024, pp.1

2. Exon7 Targeted CRISPR-Prime Editing Approaches for SMN2 Gene Editing in Spinal Muscular Atrophy

BAL E., Yelgen G., Odabaş S. P., TAŞTAN C.

ECRD-2022 (11th European Conference on Rare Diseases & Orphan Products), France, 27 June 2022

Other Publications

1. BİLİM-SİZ Dergisi 6. Sayı

Bal E.

Other, pp.1-38, 2023

Scientific Consultations

İstanbul Kültür Üniversitesi, Project Consultancy, Istanbul Kultur University, Fen-Edebiyat Fakültesi, Moleküler Biyoloji ve Genetik, Turkey, 2023 - Continues

Metrics

Publication: 7

Congress and Symposium Activities

5. KÖK HÜCRE VE HÜCRESEL TEDAVİLER KONGRESİ, Attendee, İstanbul, Turkey, 2024

11th European Conference on Rare Diseases & Orphan Products, Invited Speaker, Paris, France, 2022

6. Farmasötik Gelişim Günleri, Attendee, Ankara, Turkey, 2022

Bilimsel Tea Talk, Invited Speaker, İstanbul, Turkey, 2022

2. MBG Günleri Kongresi , Invited Speaker, İstanbul, Turkey, 2022

I. Biyolojik Bilimler Konferansı, Attendee, İstanbul, Turkey, 2021

ULUGEN KANSER SEMPOZYUMU, Attendee, Bursa, Turkey, 2021

1. Nörobilimsel Bütüncül Yaşam Konferansı, Attendee, İstanbul, Turkey, 2021

Why R? Turkey 2021 , Attendee, İstanbul, Turkey, 2021

CRISPR-Cas: GEN DÜZENLEME UYGULAMALARI, Attendee, Ankara, Turkey, 2021

Research Areas

Life Sciences, Molecular Biology and Genetics, Genetic Engineering, Animal Molecular Genetics, Molecular Biology of Cancer, Natural Sciences