

## Assoc. Prof. BURCU YÜCEL

### Personal Information

Office Phone: [+90 216 280 2331](tel:+902162802331)

Email: [burcu.yucel@medeniyet.edu.tr](mailto:burcu.yucel@medeniyet.edu.tr)

Web: <https://avesis.medeniyet.edu.tr/burcu.yucel>

Address: İstanbul Medeniyet Üniversitesi Tıp Fakültesi Kuzey Kampüs D Blok Ünalán/Üsküdar İSTANBUL

### International Researcher IDs

ORCID: 0000-0002-6599-4558

### Education Information

Doctorate, Karadeniz Technical University, Temel Tıp, Tıbbi Biyoloji, Turkey 2009 - 2015

Postgraduate, University of Nottingham, School Of Human Development, Stem Cell Technology, United Kingdom 2007 - 2008

Undergraduate, Istanbul University, Cerrahpaşa Tıp Fakültesi, Tıbbi Biyolojik Bilimler , Turkey 2002 - 2006

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, Kanser Hücre hatlarının glukoz, glutamin ve kolesterol kısıtlamasına duyarlılıklarının araştırılması, Karadeniz Teknik Üniversitesi, Tıp Fakültesi, Tıbbi Biyoloji, 2015

Postgraduate, Expression of LINE-1 chimeric transcripts in MCF-7 cell line., University Of Nottingham, School Of Human Development, Msc. Stem Cell Technology, 2008

### Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Medical Biology

### Academic Titles / Tasks

Assistant Professor, Istanbul Medeniyet University, Basic Medical Sciences, Medical Biology, 2018 - Continues

Research Assistant, Karadeniz Technical University, Temel Tıp, Tıbbi Biyoloji, 2009 - 2016

Research Assistant, Massachusetts Institute of Technology, Whitehead Institute, Biology, 2013 - 2014

### Jury Memberships

Post Graduate, Toksoplazmoz hastalığına karşı aşı uygulama amaçlı peptid-polimer partiküllerinin geliştirilmesi ve karakterizasyonu, Yıldız Teknik Üniversitesi, November, 2016

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

- I. **Investigation of the Association Between TET2 Expression and Response to CAPE**  
YÜCEL B., FURAL M. A., SÖNMEZ B., BEKTAŞ Ö., SÖNMEZ M.  
UHOD-ULUSLARARASI HEMATOLOJİ-ONKOLOJİ DERGİSİ, vol.31, no.3, pp.146-152, 2021 (Peer-Reviewed Journal)
- II. **DNA Methylation in Human Breast Cancer Cell Lines Adapted to High Nitric Oxide**  
DEMİRCAN B., YÜCEL B., RADOSEVICH J. A.  
IN VIVO, vol.34, no.1, pp.169-176, 2020 (Peer-Reviewed Journal)
- III. **C950T and C1181G osteoprotegerin gene polymorphisms in myeloma bone disease.**  
SONMEZ M., KAZAZ N., YUCEL B., TOPBAS M., UCAR F.  
Hematology (Amsterdam, Netherlands), vol.19, pp.213-6, 2014 (Peer-Reviewed Journal)
- IV. **Inhibition of ATP1F1 ameliorates severe mitochondrial respiratory chain dysfunction in mammalian cells.**  
CHEN W., BIRSOY K., MIHAYLOVA M., SNITKIN H., STASINSKI I., YUCEL B., BAYRAKTAR E., CARETTE J., CLISH C., BRUMMELKAMP T., et al.  
Cell reports, vol.7, pp.27-34, 2014 (Peer-Reviewed Journal)
- V. **Metabolic determinants of cancer cell sensitivity to glucose limitation and biguanides.**  
BIRSOY K., POSSEMATO R., LORBEER F., BAYRAKTAR E., THIRU P., YUCEL B., WANG T., CHEN W., CLISH C., SABATINI D.  
Nature, vol.508, pp.108-12, 2014 (Peer-Reviewed Journal)
- VI. **Associations of HLA-DRB1 alleles with anti-citrullinated protein antibody-positive and anti-citrullinated protein antibody-negative rheumatoid arthritis in northern east part of Turkey.**  
UCAR F., ÇAPKIN E., KARKUCAK M., YÜCEL B., SONMEZ M., ALVER A., KAKLIKKAYA N., TOSUN M., ALEMDAROĞLU E., SOLAK M.  
International journal of rheumatic diseases, vol.15, pp.538-45, 2012 (Peer-Reviewed Journal)
- VII. **MTHFR C677T polymorphism and its relationship to myocardial infarction in the Eastern Black Sea region of Turkey.**  
UCAR F., CELİK S., YÜCEL B., SONMEZ M., CELEP F., ERKUT N.  
Archives of medical research, vol.42, pp.709-12, 2011 (Peer-Reviewed Journal)

## Articles Published in Other Journals

- I. **Investigation of Methylation Status of Homeobox D3 (HOXD3) and Protocadherin 17 (PCDH17) in Patients with Prostate Cancer**  
Yücel B., Kaya A., Efiloglu O., Karaman A., Bayrak A. M., İkişik H., Yildirim A., Demircan B.  
TURK ONKOLOJİ DERGİSİ-TURKISH JOURNAL OF ONCOLOGY, vol.36, pp.489-496, 2021 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Epigenetic Alterations in Glioma**  
DEMİRCAN B., YÜCEL B., Altındağ S., Yılmaz S., Yılmaz S., Yılmaz S., Yılmaz S., Yılmaz S., Yılmaz S., et al.  
5th World Congress on Epigenetics and Chromosome, İstanbul, Turkey, 15 November 2018, vol.7, pp.27
- II. **Relationship between prostate cancer and MGMT, SOCS3, RASSF1 and PTEN mutations**  
DEMİRCAN B., YÜCEL B., Altındağ S., Salman Yılmaz S., YILDIRIM A.  
8th Eurasian Uro-oncology Congress, 28 June – 1 July 2018, Tiflis, Gürcistan, Tiflis, Georgia, 28 June 2018, pp.178
- III. **Investigating the role of nitric oxide on DNA methylation in breast cancer**  
DEMİRCAN B., YÜCEL B., Green S., Radosevich J.  
2nd International Congress on Epigenetics and Chromatin, Frankfurt, Germany, 06 November 2017, pp.98

## **Memberships / Tasks in Scientific Organizations**

Tıbbi Biyoloji ve Genetik, Member, 2014 - Continues

American Association for Cancer Research, Member, 2013 - Continues

## **Scientific Refereeing**

Poultry Science, SCI Journal, March 2017

GENE, SCI Journal, May 2016

Genetic Testing and Molecular Biomarkers, SCI Journal, May 2015

## **Metrics**

Publication: 17

Citation (WoS): 347

Citation (Scopus): 301

H-Index (WoS): 4

H-Index (Scopus): 4