

## Asst. Prof. BURCU YÜCEL

### Personal Information

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### Education Information

Doctorate, Karadeniz Teknik Üniversitesi, Tıp Fakültesi , Tıbbi Biyoloji, Turkey 2009 - 2015

Post Graduate, University Of Nottingham, School Of Human Development, Stem Cell Technology, United Kingdom 2007 - 2008

Under Graduate, İstanbul Üniversitesi, 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

Post Graduate, 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, İstanbul Medeniyet Üniversitesi, Basic Medical Sciences, Division of Medical Biology, 2018 - Continues

Research Assistant, Karadeniz Teknik Üniversitesi, Tıp Fakültesi, 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

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **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 (Journal Indexed in SCI)
- II. **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 (Journal Indexed in SCI Expanded)
- III. **Inhibition of ATPIF1 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 (Journal Indexed in SCI Expanded)
- IV. **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 (Journal Indexed in SCI Expanded)
- V. **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 (Journal Indexed in SCI Expanded)
- VI. **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 (Journal Indexed in SCI Expanded)

## 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., 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

## Citations

Total Citations (WOS):347

h-index (WOS):4