

Personal Information

Name: Utku OZBEY

Title: MSc.

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Contact Information

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Education

Degree	Program	Institute	Year
Master	Molecular Biology and Genetics	T.C. Istanbul Kultur University	2014-2016
Bachelor	Molecular Biology and Genetics	T.C. Istanbul Kultur University	2010-2014

Certificates

- Yeditepe University, Certificate of Animal Use in Experimental Research, September 1-10, 2014

Work Experiences

- **February, 2012-June 2014:** Istanbul Kultur University, Molecular cancer biology laboratory
- **July 1-30, 2013:** Istanbul University, Biophysics Department laboratory (Internship)

Publications

1. International Journals (SCI & SSCI & Arts and Humanities)

- Coker-Gurkan A, Arisan ED, Obakan P, Akalin K, **Ozbey U**, Palavan-Unsal N. Purvalanol induces endoplasmic reticulum stress-mediated apoptosis and autophagy in a time-dependent manner in HCT116 colon cancer cells. *Oncol Rep.* 2015;33(6):2761-70.
- Obakan-Yerlikaya P, Arisan ED, Coker-Gurkan A, Adacan K, **Ozbey U**, Somuncu B, Baran D, Palavan-Unsal N. Calreticulin is a fine tuning molecule in epibrassinolide-induced apoptosis through activating endoplasmic reticulum stress in colon cancer cells. *Mol Carcinog.* 2017; 9999:1–17.

2. Poster Presentations in International Scientific Meetings

- **Utku Ozbey***, Deniz Coskun, Pinar Obakan, Ajda Coker-Gurkan, Elif Damla Arisan, Narcin Palavan Unsal, " Epibrassinolide induces p53-independent apoptosis in colon cancer cell lines" EACR-Sponsored 3rd Anticancer Agent Development Congress, PP124, Page: 181, May 18- 19, 2015 Izmir, Turkey
- **U. Ozbey**, P. Obakan, E. D. Arisan, A. Coker-Gurkan, N. Palavan-Unsal, " EBR promotes p53 independent apoptosis in colon carcinoma cell lines", 40th FEBS Congress, The Biochemical Basis of Life, P11-028, Page:227, June 4-9, 2015, Berlin, Germany.

National and International Projects

- The investigation of molecular targets of GSK3 β potential inhibitors; epibrassinolide and/or roscovitine in *Caenorhabditis elegans* in therapeutic manner, COST Action, BM1408 (GENIE), Project no: 115Z037, 2015-2018
- The investigation of the endoplasmic reticulum stress in epibrassinolide-induced apoptosis in colon carcinoma cell lines, TUBITAK 3001, Project no: 113Z845, 2014-2016
- "Purvalanol'ün neden olduđu apoptotik hücre ölümünün otofaji ve endoplazmik retikulum stresi ile ilişkisinin HCT-116 kolon kanseri hücrelerinde araştırılması" (2209-a Üniversite Öğrencileri Yurt İçi Araştırma Projeleri Destek Programı, 2012, Eşyürütücü)

Laboratory Skills

- Animal and microbial cell culture techniques
- *Caenorhabditis elegans* culture techniques
- Use of laboratory animals (certificate for animal use in experimental research, 2014)
- Microscopy (stereo, bright field, fluorescence)
- DNA gel-extraction and purification, DNA gel electrophoresis system
- SDS-PAGE and Western blotting (IP, co-IP, immunoblotting)
- Spectrometric methods
- High pressure liquid chromatography
- Flow cytometry
- Immunofluorescence

Computer Skills

- Microsoft Office Tools
- GraphPad
- ImageJ
- BD Accuri C6
- EndNote
- ImageLab

Memberships of Scientific Organisations

- 2015: Moleküler Kanser Arastırma Derneği (MOKAD)

Attended International Scientific Events:

- 40th FEBS Congress, The Biochemical Basis of Life, July 4-9, 2015, Berlin, Germany.
- EACR-Sponsored 3rd Anticancer Agent Development Congress, PP124, Sayfa: 181, May 18- 19, 2015 Izmir, Turkey
- Organized by Boğaziçi University Science Club Geneticists in Private Sector April 4, 2015 Istanbul, Turkey
- Organized by Istanbul Kultur University, Harvard Medical School, Brigham and Women's Hospital, Massachusetts Institute of Technology, Carnegie Mellon University and Boston University Nanotechnology & Tissue Engineering: Current Challenges and Future Prospects, December 20-21, 2013, Istanbul, Turkey
- Organised by MOBIGEN in Istanbul Kultur University Oxidative Stress, DNA Damage, DNA Repairing and Relations with Diseases, April 16-18, 2013, Istanbul, TURKEY
- Sponsored by Istanbul Development Agency Stem Cell and Gene Therapy Symposium, November 25-28, 2013, Istanbul, Turkey
- International Congress on Polyamines: Clinical and Biological Perspectives, September 2-7, 2012, Istanbul, TURKEY.

Hobbies and Interests

- Follow the developments of astrophysics and technology
- Computer gaming, music, driving