

BERRAK ALBOSTAN

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PERSONAL INFORMATION

Date and Place of Birth: 1992 – Ankara

Citizenship: Republic of Turkey

OBJECTIVE

To complete a doctoral degree in order to pursue a successful career in academia and research in the area of developmental biology and cell biology.

EDUCATION

2016- ... **ABDULLAH GUL UNIVERSITY** KAYSERI, TURKEY

Master degree in bioengineering

2010 – 2015 **BILKENT UNIVERSITY** ANKARA, TURKEY

Bachelor of Science Degree in Molecular Biology and Genetics (full scholarship)

2006 - 2010 **ATATURK ANATOLIAN HIGH SCHOOL** ANKARA, TURKEY

EXPERIENCES

2016-... **ABDULLAH GUL UNIVERSITY** KAYSERI, TURKEY

Research assistant in Molecular Biology and Genetics

(INTERNSHIPS)

March, 2012 – May, 2013 **BILKENT UNIVERSITY**

Has worked at the lab of Asst.Prof. Ali Osmay Güre in the research of SOX gene and the serological profiling of autologous anti-tumor antibodies in cancer.

June, 2013-September, 2013 **BILKENT UNIVERSITY**

Has worked at the lab of Prof. Mehmet Öztürk in the research of Atad2 gene and drug discovery for liver cancer cell line Huh7 and PLC.

September,2013-January,2014 **BILKENT UNIVERSITY**

Has worked at the lab of Asst. Prof. Işık Yuluğ in the research of breast cancer cell lines as experimental models.

September, 2013-2015 **BILKENT UNIVERSITY**

Has worked at the lab of Asst. Prof. Özgür Şahin in the research of triple negative breast cancer (TNBC) and ER+ breast cancer cell types, systems-level analysis of therapy resistance and metastasis primarily in breast cancer, contribution to drug resistance of epithelial-mesenchymal transition (EMT), which is an vital initiator step in metastasis, microRNA discovery and function in cancer development.

June-September,2014 **DKFZ (GERMAN CANCER RESEARCH CENTER)**

Has worked at the lab of Prof. Dr. Michael Boutros in the research of prostate cancer metastasis to bone and the function of integrin and mesenchymal cells in metastatic development.

PROFESSIONAL SKILLS

- Performing ELISA
- Performing PCR, RT PCR, QPCR
- Performing SDS-PAGE and Agarose Gel Electrophoresis
- Performing Silver Staining, Bromophenol Blue Staining, H&E Staining
- Performing Immunoprecipitation techniques
- Quantification of protein from cultured cells by using Bradford solution
- Mendelian genetics experiments on *Drosophila melanogaster* and visualizing gene experiment of *Caenorhabditis elegans*
- Performing cell culture
- Performing protein assay

- Studying with bacteria culture such as performing transformation of plasmid to the bacteria,extraction of DNA and total protein from bacteria.
- Performing Dot Blot like Western, Southern, Northern Blotting
- Performing RNA isolation and visualization
- Performing animal experiment (drosophila,mouse)
- Performing miniprep for plasmid
- Performing cell viability assay SRB
- Performing flow cytometer
- Performing site directed mutagenesis
- Performing invasion assay
- Performing behavioral experiments in C.elegans (osmotic avoidance, chemotaxis assays)
- Performing genetic cross with C.elegans (crossing, cloning,single worm PCR, bleaching)

EXTRACURRICULAR ACTIVITIES

2010-... MEMBER OF THE BILKENT MOLECULAR BIOLOGY AND GENETICS SOCIETY

Member of the society which organizes conferences, article debates, documentary sessions and excursions.

2010 – ... MEMBER OF THE SOCIAL SENSIVITY PROJECTS

Working voluntarily on a project whose aim is to be interested in children who are leukemia and to improve their motivation so as to prepare them for the treatment process.

2011-... MEMBER OF THE THEATER COMPANY AT THEATRE TEMPO

2012-... MEMBER OF THE ENVIRONMENT AND ECOLOGY SOCIETY

2014-... MEMBER OF THE BREAST CANCER SOCIETY AT EUROPADONNA

Working voluntarily on a project whose aim is to be interested in breast cancer patients,to raise awareness about the disease in the society , and to improve the patients' motivation.

LANGUAGE AND COMPUTER SKILLS

- Turkish (Native Language)

- Advanced English
- Pre- intermediate German
- Pre- intermediate Italian
- Advanced knowledge of Microsoft Office (Word, Excel, PowerPoint)
- Intermediate knowledge of JAVA programming and MATLAB utilization

ATTENDED CONFERENCES

- June 11-13, 2014 “8th International PhD Student Cancer Conference 2014” DKFZ,
Heidelberg, Germany
- April 12-13, 2014 “Bilgent Horizons in Molecular Biology and Genetic: VI” Bilkent
University
- September 25, 2013 “Biology Past and Biology Future: Where Have We Been and Where Are
We Going?”, by Bruce Albert
- April 13-14, 2013 “Bilgent Horizons in Molecular Biology and Genetic: V” Bilkent
University
- June 7, 2012 “Minds, Bodies, and Problems 2012” METU
- April 21-22, 2012 “Bilgent Horizons in Molecular Biology and Genetic: IV” Bilkent
University
- June 25-26, 2010 “TUBA- I. Stem Cell Course and V. Stem Cells Symposium” Hacettepe
University
- October 4, 2010 “Murat Günel (Yale University) – Nanogenomic Technologies in Gene
Discovery” Bilkent University,
- November 7, 2010 “Prof. Dr. Stephen Oppenheimer (University of Oxford)- The Peopling of
The World, and the Role of the Middle East and Turkey as a Gateway to the European
Peninsula.”, METU.
- December 4, 2010 “ Sir Richard Timothy Hunt (Nobel Laureate in 2001 in Physiology and
Medicine) –Switches and Latches: Getting In and Out of Mitosis.”,

October 17-18, 2010 “Bioinformatics for Anti-Cancer Drug Discovery”, Bilkent University
Bilkent University

OTHER INFORMATIONS

Achievements:

August, 2017, - AGU Scientific Research Project (BAP/FYL/2017/100)

June-September, 2014 Erasmus Training Placement at DKFZ(German Cancer Research
Center,University of Heidelberg)

June-September, 2014 Scholarship of CellNetwork Programme at University of Heidelberg

June 2014-2015 Undergraduate Basic Science Scholarship of TUBITAK

2010-2015 Studying at Bilkent University with Full Scholarship

June, 2010 Graduated from high school with second degree

SOCIAL ACTIVITIES AND OTHER INTERESTS

- Interested in swimming and dancing.
- Enjoying reading different kinds of novels as well as poems.
- Enjoying going to theater, sightseeing and meeting with new people.

REFERENCES

“Available upon request”