

NAZLI EZGİ ÖZKAN

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Cell Biology and Proteomics Lab
Molecular Biology and Genetics Department, Koç University
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Education:

Degree	Department	University	Year
PhD	Department of Molecular Biology and Genetics	Koç University	2013-
Master	Department of Molecular Medicine	Istanbul University, Institute of Experimental Medicine	2012-2013 (3.43/4)
Exchange	(ERASMUS) Department of Science, Systems and Models	Roskilde University, DENMARK	2009-2010
Summer Training	Medical Faculty, Department of Medical Genetics	Akdeniz University	07/2009-08/2009
Bachelor	Department of Molecular Biology and Genetics	Istanbul University, Faculty of Science	2007-2011 (3.33/4)

Work Experience:

Company	Date
GRIMED Health Services & Computer Products Industry & Trade Co., Ltd.	03.2011- 12.2011
GENETİKS Genetic Diagnostic Laboratory	03.2010- 02.2011

Projects:

2013-2014	IU BAP (Project Budget #7,000 TL) Investigation of possible relations between TCF7L2 gene and 8q24 gene desert variants, and their possible effects on c-myc gene expression and colorectal cancer risk. (Principle Researcher, Master Thesis)
2013-2014	IU BAP (Project Budget #20,000 TL) Investigation of the possible relation between CTLA4-CD28 gene

polymorphisms and serum levels in breast and gastric cancers. **Research Assistant**

2012-2013 TUBITAK (Project Budget#117,500 TL)

Regulation of mTERT protein Kinase Catalytic Subunit by c-Abl Protein Tyrosine Kinase in Mice Oocyte and Preimplantation Embrios. **Research Assistant**

12/2009 Roskilde University

Kinetics of *Dm*-dNK Mutants (Supervisor :Brigitte Munch-Petersen)

Attended Congress, Courses and Seminars:

- 10-12.09.2014 III.International Congres of the Molecular Biology Association, Izmir Institute of Technology, Izmir.
- 5-12.10.2013 “Molecular Mechanisms of Diseases” (Molecular Medicine Division-Distant Education Center), Assistant Trainer, Istanbul.
- 21-24.09.2013 The EMBO Meeting 2013, Amsterdam.
- 15-17.07.2013 Proteomistanbul, Proteomic Summer School (international attendance), Istanbul.
- 12-14.06.2013 International Conference on the System Biology of Human Diseases, Heidelberg.
- April 2013 Practical Cell Culture and Nucleic Acid Applications Course (Molecular Medicine Division-Distant Education Center), Assistant Trainer, Istanbul
- 13-22.04.2013 5th Certificate of Laboratory Animals Usage Course, Bezmialem University, Istanbul.
- 4-5.03.2013 Practical Cell Culture and Protein Researches Course (Molecular Medicine Division-Distant Education Center), Assistant Trainer, Istanbul.
- 13.04.2013 12th Gamete Biology Journal Club (GABIMAK) Meeting, Istanbul.
- 13-16. 2012 Multidisciplinary Cancer Research Congress, Uludağ University, Bursa.
- 26.03.2012 SABioscience Real-Time PCR Based Gene Expression, Mutation and Methylation Profiling Seminar, Istanbul.
- 04-08.05.2011 6th Ege Dermatology Days, Dalaman.
- 04-06.03.2011 Istanbul University 8th IUGEN Molecular Biology and Genetics Student Winter School (Organization Committee), Istanbul
- 10-11.04.2010 Boğaziçi University, Molecular Biology and Genetics Weekend V, İstanbul.
- 13-15.05.2010 Istanbul University, Interdisciplinary Science Student Congress, Istanbul.
- 19-21.02.2010 Istanbul University 7th IUGEN Molecular Biology and Genetics Student Winter School, Istanbul.
- 12.06.2009 Istanbul University, Molecular Biology and Genetics Career Days, Istanbul.
- 20.12.2008 Middle East Technical University 1st National GMO Symposium, Ankara.

International Publications:

1. Ozlü N, Qureshi MH, Toyoda Y, Renard BY, Mollaoglu G, **Ozkan NE**, Bulbul S, Poser I, Timm W, Hyman AA, Mitchison TJ, Steen JA. Quantitative comparison of a human cancer cell surface proteome between interphase and mitosis. *EMBO J.* 2014 Dec 4. pii: e201385162. [Epub ahead of print]
2. Farooqi AA1, Yaylim I, **Ozkan NE**, Zaman F, Halim TA, Chang HW. Restoring TRAIL Mediated Signaling in Ovarian Cancer Cells. *Arch Immunol Ther Exp (Warsz)*. 2014 Jul 17.
3. **Ozkan NE**, Yaylim I. Mini Review: Endothelial Nitric Oxide Synthase Genetic Polymorphisms and Their Potential Involvement in Cancer. *Journal of Rashid Latif Medical College* 2 (2013) 01-07.
4. Zeybek U, Yaylim I, **Ozkan NE**, Korkmaz G, Turan S, Kafadar D, Cacina C, Kafadar AM. Cyclin D1 Gene G870A Variants and Primary Brain Tumors. *Asian Pac J Cancer Prev.* 2013;14(7):4101-6.
5. Verim L, Toptas B, **Ozkan NE**, Cacina C, Turan S, Korkmaz G, Yaylim I. Possible Relation between the NOS3 Gene GLU298ASP Polymorphism and Bladder Cancer in Turkey. *Asian Pac J Cancer Prev.* 2013;14(2):665-8.
6. Yildiz, Y. Yaylim, I. , **Ozkan NE.** , Arikan, S. , Turan, S. , Kucucuk, S. , Coskunpinar, E. and Isbir, T. (2013) Bax promoter G(−248)A polymorphism in a Turkish clinical breast cancer patients: A case-control study. *American Journal of Molecular Biology*, **3**, 10-16
7. Yaylim I, **Ozkan NE**, Turan S, Korkmaz G, Yildiz Y, Cacina C, Topbas B, Arikan S. sTRAIL Serum Levels and TRAIL 1595 Genotypes: Association with Progress and Prognosis of Colorectal Carcinoma. *Journal of Cancer Therapy* 2012 3:941-947.
8. Yaylim I, **Ozkan NE**, Isitmangil T, Isitmangil G, Turna A, Isbir T. CK2 Enzyme Affinity Against c-myc424-434 Substrate in Human Lung Cancer Tissue. *Asian Pac J Cancer Prev.* 2012;13(10):5233-6.

National Publications:

1. Canan Cacina, Soykan Arıkan, Yemliha Yıldız, Bahar Toptaş, Saime Turan, **N. Ezgi Özkan**, Gurbet Korkmaz, Seden Küçüçük, İlhan Yaylım, Turgay İsbir. Investigation of Nitric Oxide Synthase 3 (NOS3) Glu298Asp Gene Variants in Breast Cancer Patients. DETAE e-Journal, Issue 5, Year 2013.

International Poster Presentations:

1. **Nazlı Ezgi Özkan** and Nurhan Özlü. Establishing Alternative Strategies for Cell Surface Isolation.III.International Congress of the Molecular Biology Association, 10-12 September 2014, Izmir Institute of Technology, Izmir.
2. G. Korkmaz, **N.E. Ozkan**, S. Turan, O. Timirci Kahraman, A. Ergen, E. Kaytam Sağlam, Y. Duzkoylu, E.N. Yenilmez, S. Arıkan, I. Yaylım. Haplotype effects of Galectin-3 gene variants on colorectal cancer. The 5th EMBO Meeting, 21-24 September 2013, Amsterdam.
3. A. Yaba Ucar, **N.E. Ozkan**, O. Inan, N. Demir. Regulation of the mTERT telomerase catalytic subunit by the c-Abl tyrosine kinase. The 5th EMBO Meeting, 21-24 September 2013, Amsterdam.
4. O. Kucukhuseyin, K. Yanar, E. Aygun, A. Verim, S. Turan, **N.E. Ozkan**, E.H. Karagedik, M.F. Seyhan, A. Ergen, O. Ozturk, U. Cakatay, S. Aydin, I. Yaylım. Advanced Glycation End products (RAGE) Gly82Ser variants on the formation of FRAP oxidant parameters in laryngeal cancer patients. The 5th EMBO Meeting, 21-24 September 2013, Amsterdam.
5. U. Cakatay, **N. E. Ozkan**, K. Yanar, S. Aydin, S. Turan, G. Korkmaz, C. Cacina, K. Karatoprak, A. Verim and I. Yaylım. Relation of eNOS/NOS3 genotypes and oxidative stress markers in larynx cancer patients. 38th FEBS Congress “Mechanisms in Biology”2013. 6-11 July 2013, St.Petersburg.
6. İlhan Yaylım, Brunilda Mezani, M.Muzaffer İlhan, Bahar Toptaş, Sema Demirci Çekiç, Saime Turan, Gurbet Korkmaz, **Nazlı Ezgi Ozkan**, Ayse İrem Yasin, Seda Yüce, Ertugrul Tasan, H.Arzu Ergen, Reşat Apak. A Possible Association Between Manganese Superoxide Dismutase Genotypes and Antioxidants Markers in Acromegaly Patients. 12th International Conference on Oxidative Stress, Redox States & Antioxidants.3-4 June 2013, Paris.

7. **Nazlı Ezgi Ozkan**, Saime Turan, Gurbet Korkmaz, Canan Cacina, Hande Karagedik, Soykan Arıkan, Esra Kaytan Sağlam, Gülay Tuna, Arzu Ergen, İlhan Yaylım. Alterations in Key Cellular Regulator Genes and Their Combined Effects on Colorectal Cancer. 12-14 June 2013 Systems Biology of Human Disease, Heidelberg.
8. Canan Cacina, Saime Turan, **Nazlı Ezgi Ozkan**, Akif Turna, Bahar Toptas, Ozlem Kucukhuseyin, Kamil Kaynak, İlhan Yaylım. TRAIL Gene Polymorphism and the risk of Non-Small Cell Lung Cancer in Turkish patients. 4-9 Eylül 2012 IUBMB FEBS Sevilla

National Poster Presentations

1. Akif Turna, Saime Turan, Arzu Ergen, Gurbet Korkmaz, **Nazlı Ezgi Ozkan**, Canan Cacina, Ender Coskunpınar, Yasemin Müsteri Oltulu, Umit Zeybek, İlhan Yaylım. A Possible Relationship between NOS3 Glu298Asp variant and the risk for lung cancer. 1st Cell Death Research Congress with International Participation. 30th October- 3rd November 2013,Çeşme.
2. Özlem Timirci-Kahraman, Ayşegül Verim, Saime Turan, **Nazlı Ezgi Özkan**, Gurbet Korkmaz, İlhan Yaylım. Expression of miR-373 in patients with laryngeal squamous cell carcinoma. XIII.National Congress of Medical Biology and Genetics 27th-30th October 2013, Kuşadası.
3. Aylin Yaba Uçar, **Nazlı EzgiÖzkan**, Öznur İnan, Necdet Demir. Regulation of mTERT telomerase catalytic subunit by the c-Abl tyrosine kinase in mouse granulosa cells. XIII.National Congress of Medical Biology and Genetics 27th-30th October 2013, Kuşadası.
4. Özlem Timirci Kahraman, Gurbet Korkmaz, Saime Turan, **Nazlı Ezgi Özkan**, Ümit Zeybek, Levent Verim, İlhan Yaylım, Turgay İsbir, “Investigation of the combined effects of apoptosis related Fas-1377 G/A and Fas Ligand -844 T/C Gene variants on bladder cancer risk and prognosis. 10th National Medical Genetic Congress, 19-23 December 2012, Bursa.
5. Özlem Timirci-Kahraman, Saime Turan, **Nazlı Ezgi Özkan**, Gurbet Korkmaz, Ayşegül Verim, İlhan Yaylım. Investigation of the effects of Fas Ligand -844 T/C Gene variants on risk and prognosis of the larynx cancer. IV. Multidisciplinary Cancer Research Congress, Uludağ University, 13-16 December 2012, Bursa.
6. Canan Cacina, Soykan Arıkan, Saime Turan, **N. Ezgi Özkan**, Gurbet Korkmaz, Nihal Yiğitbaşı Yozgatlı, Ş.Ümit Zeybek, İlhan Yaylım. Investigation of EGF A61G gene

- variants on colorectal cancer patients. IV. Multidisciplinary Cancer Research Congress, Uludağ University, 13-16 December 2012, Bursa.
7. Özlem Küçük hüseyin, Ayşegül Verim, Saime Turan, Gurbet Korkmaz, **Nazlı Ezgi Özkan**, İlhan Yaylım, Hülya Yılmaz-Aydoğan. Investigation of the effects of Advanced Glycosylation Last Product Receptor RAGE -374 T/A Gene Polymorphism on Larynx Cancer Progression. IV. Multidisciplinary Cancer Research Congress, Uludağ University, 13-16 December 2012, Bursa.
 8. Özlem Küçük hüseyin, Bahar Toptaş, Canan Cacına, Saime Turan, Gurbet Korkmaz, **Nazlı Ezgi Özkan**, Levent Verim, İlhan Yaylım. Effects of TRAIL 1595 C/T Polymorphism on Bladder Cancer Progression. 4th DETAE Days, 14-15 November 2012, İstanbul.
 9. Özlem Timirci-Kahraman, **Nazlı Ezgi Özkan**, Gurbet Korkmaz, Saime Turan, Canan Cacına, Özlem Küçük hüseyin, Bahar Toptaş, Güldal İnal Gültekin, Levent Verim, İlhan Yaylım, Turgay İsbir. Investigation the effects of Fas Ligand -844 T/C Gene variants on bladder cancer risk. IV.DETAE Days, 14-15 Kasım 2012, İstanbul.
 10. Özlem Timirci-Kahraman, Saime Turan, **Nazlı Ezgi Özkan**, Gurbet Korkmaz, Ayşegül Verim, İlhan Yaylım. Investigation of the relationship between TRAIL C1595T Gene variant and serum TRAIL levels and their effects on the Larynx Cancer progression. IV.DETAE Days, 14-15 November 2012, İstanbul.