

## CURRICULUM VITAE

**Family name:** Demirel  
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**Date of birth:** 15.03.1985  
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Institution	Degree(s) or Diploma(s) obtained:
Marmara University- Pharmacy-Pharmaceutical Toxicology 2018	Phd
İstanbul University- Pharmacy-Pharmaceutical Toxicology 2012	Master
Istanbul University- Biology 2008	Undergraduate

## PUBLICATIONS

### Articles in international refereed journals (SCI & SSCI & AHCI)

**Goksun Demirel\***, Esra Guzel, Chad J. Creighton, Yeter Erol Ozturk, Ceyhun Kucuk, Hızır Asliyukse, Türkan Yurdun. MDMA Addiction in Relation to MicroRNA Variation in Human Brain Ventral Tegmental Area and Nucleus Accumbens. Journal of neuroscience research. Under Review.2018.

Ozturk YE, Yeter O, Ozturk S, **Karakus G**, Ates I, Buyuk Y, Yurdun T. Detection of Metabolites of the New Synthetic Cannabinoid CUMYL-4CN-BINACA in Authentic Urine Samples and Human Liver Microsomes Using High-resolution Mass Spectrometry. Drug Test Anal. 2017 Jul 10. doi: 10.1002/dta.2248.

Pashaei E, Guzel E, Ozgurses ME, Demirel G, Aydin N, Ozen M. A Meta-Analysis: Identification of Common Mir-145 Target Genes that have Similar Behavior in Different GEO Datasets Plos One. 2016 Sep 21;11(9):e0161491. doi: 10.1371/journal.pone.0161491. eCollection 2016.

Ozden S, Turgut Kara N, Sezerman OU, Durasi İM, Chen T, **Demirel G**, Alpertunga B, Chipman JK, Mally A. Assessment of global and gene-specific DNA methylation in rat liver and kidney in response to non-genotoxic carcinogen exposure. *Toxicol Appl Pharmacol.* 2015 Sep 30. pii: S0041-008X(15)30097-1. doi: 10.1016/j.taap.2015.09.023

**Demirel G**, Alpertunga B, Ozden S. Role of fumonisin B1 on DNA methylation changes in rat kidney and liver cells. *Pharm Biol.* 2015 Apr 10:1-9

### **Articles in refereed national journals**

**Demirel G.**, Guzel E., Ozturk Y.E., Kucuk C., Yurdun T. Target Genes Identification Based on MicroRNA Expression Analysis of MDMA Addiction in Postmortem Individuals. *International Journal of Basic and Clinical Studies (IJBCS)* 2017; 6(2): 26-34.

### **Papers published in international conference proceedings**

Özden S., Turgut Kara N., Sezerman O.U., Durasi I.M., Chen T., Demirel G., et al., "Assessment of global and gene-specific DNA methylation in rat liver and kidney in response to non-genotoxic carcinogen exposure", 55th SOT Annual Meeting and ToxExpo, Phonix, ABD, 13-17 Mart 2016, pp.1-1

Ozden S, Demirel G, Alpertunga B. Effects of Fumonisin B1 on DNA methylation changes in rat cell cultures. *Methylome Istanbul.* 31 Mayıs 2013, İstanbul, Türkiye.

Sibel Özden, Göksun Demirel, Buket Alpertunga. DNA methylation profile of various cancer-related genes in rat cell lines. 48th Congress of the European Societies of Toxicology, 17-20 Haziran 2012, Stockholm-İsveç.

Sibel Ozden, Goksun Demirel, Buket Alpertunga. Effects of Fumonisin B1 on DNA methylation changes in rat cel cultures. Society of Toxicology"s 51st Annual Meeting & ToxExpo. March 11–15, 2012, San Fransisco, USA.

Özden S, Turgut Kara N, Karakuş G, Chen T, Alpertunga B, Dekant W, Chipman JK, Mally A. Promoter DNA methylation profile as an early event in non-genotoxic carcinogenesis. 47th Congress of the European Societies of Toxicology.

**Awards:**

Between date of 28 and 31 August 2011 in Paris-France organized Congress of “47th Congress of the European Societies of Toxicology-EUROTOX 2011” and given “SITOX Young Scientists Award: Supported by Italian Society of Toxicology (SITOX) for multi-national collaborative research, results of a collaboration of a minimum of four researchers from different European countries” .

