

ÖZGEÇMİŞ

Dr. Seda Tunçay Çağatay

Kişisel Bilgiler

Doğum tarihi ve yeri: 20.01.1984, Aydın

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Öğrenim

Derece	Üniversite/Bölüm	Yıllar
Doktora	Orta Doğu Teknik Üniversitesi, Biyoloji Bölümü	2009 – 2014
Yüksek Lisans	Orta Doğu Teknik Üniversitesi, Biyoloji Bölümü	2007 – 2009
Lisans	Orta Doğu Teknik Üniversitesi, Biyoloji Bölümü	2003 – 2007

Akademik Görevler

Görev	Görev Yeri	Yıllar
Uzman Dr.	Transplantasyon ve Gen Bilimleri Enstitüsü, Başkent Üniversitesi	2016 - Devam ediyor
Araş. Gör.	Biyolojik Bilimler Bölümü, Fen Edebiyat Fakültesi, Orta Doğu Teknik Üniversitesi	2007 - 2014

Doktora Tez Başlığı:

“Metastasis Associated Protein 1 (MTA1)’ in insan kolorektal kanser hücre hatlarında karakterizasyonu ve promotor bölgesinin incelenmesi” (Characterization and Promoter Identification of Metastasis Associated Protein 1 (MTA1) in human colorectal carcinoma cell lines)

Danışman: Doç.Dr. Sreeparna Banerjee

Yüksek Lisans Tez Başlığı:

“15-LOX-1 geninin insan kolorektal kanser hücre hattı HT-29 hücrelerinde karakterizasyonu”
(Functional Characterization of 15-lipoxygenase-1 in human colorectal cancer cell line HT-29)

ODTÜ 2008-2009 Akademik Yılı en iyi tez ödülü

Danışman: Doç.Dr. Sreeparna Banerjee

Yayımlar

Uluslararası hakemli dergilerde yayımlanan makaleler:

Tunçay Çağatay S, Çimen I, Savaş B, Banerjee S. MTA-1 expression is associated with metastasis and epithelial to mesenchymal transition in colorectal cancer cells. *Tumor Biology* 2013, 34:1189-1204.

Kavas A, **Tunçay Çağatay S**, Banerjee S, Keskin D, Tezcaner A. Potential of raloxifene on reversing osteoarthritis-like alterations in rat chondrocytes: An in vitro model study. *Journal of Biosciences*, 2013 38, 1–13.

Sade A, **Tunçay S**, Çimen I, Severcan F, Banerjee S. Celecoxib reduces fluidity and decreases metastatic potential of colon cancer cell lines irrespective of COX-2 expression. *Bioscience Reports* 2012, 32, 35-44.

I. Çimen, **S. Tunçay** and Banerjee, S. 15-Lipoxygenase-1 expression suppresses the invasive properties of the colorectal carcinoma cell lines HCT-116 and HT-29. *Cancer Sci*, 2009 100,2283-2291.

Manuscript Under Review:

Tunçay Çağatay S., Çolakoğlu M., Tunçer S., Banerjee S.(2015) 15-Lipoxygenase-1 re-expression downregulates Metastasis Associated Antigen-1 through the inhibition of Nuclear Factor-kappaB in colon cancer cell lines. *Cell Proliferation*.

ISI Current Web Contents makaleleri:

Tuncay S, Banerjee S . MAPK3 (mitogen-activated protein kinase 3). Atlas Genet Cytogenet Oncol Haematol. January 2010 .

URL : <http://AtlasGeneticsOncology.org/Genes/MAPK3ID425ch16p11.html>

Tuncay S, Banerjee S . MAPK1 (mitogen-activated protein kinase 1). Atlas Genet Cytogenet Oncol Haematol. January 2010 .

URL : <http://AtlasGeneticsOncology.org/Genes/MAPK1ID41288ch22q11.html>

Banerjee S, **Tunçay S**. ALOX5 (Arachidonate 5-Lipoxygenase). Atlas Genet Cytogenet Oncol Haematol 2006; 10 (4): 562-572.

URL : <http://AtlasGeneticsOncology.org/Genes/ALOX5ID42985ch10q11.html>

Uluslararası bilimsel toplantılarda sunulan bildiriler:

Sreeparna Banerjee, **Seda Tuncay Cagatay**. "Investigation of a mechanistic link between 15-Lipoxygenase-1 (15-LOX-1) and Metastasis Associated Protein 1 (MTA1) in human colorectal carcinoma cell lines" Bioactive Lipids in cancer, Inflammation and Related Diseases, 13TH International Conference, San Juan, Puerto Rico 3-6 November 2013.

S. Tuncay-Cagatay, S. Banerjee. "Investigation of a mechanistic link between 15-Lipoxygenase-1 (15-LOX-1) and Metastasis Associated Protein 1 (MTA1) in human colorectal carcinoma cell lines" Avrupa Kanser Kongre Organizasyonu-European Cancer Congress Organisation (ECCO) 26 September -1 October 2013.

Kavas, A., **S. Tuncay**, D. Keskin, S. Banerjee, A. Tezcaner., Effects of Raloxifene on matrix synthesis of Osteoarthritis-like chondrocytes", Pharmaceutical Sciences for the Future of Medicine. "" , , (2011), p.89

Cimen I, **Tuncay S**, Astarci E and Banerjee S. 15-lipoxygenase-1 has tumor suppressive properties in colorectal carcinogenesis. International Conference on FRONTIERS IN

CARCINOGENESIS AND CANCER PREVENTION: SCIENTIFIC ADVANCES AND PUBLIC HEALTH INITIATIVES Bangalore, India. February16-18, 2011

Sade A, **Tunçay S**, Çimen İ, Severcan F, Banerjee S. Biophysical and functional characterization of celecoxib in colorectal cancer cell lines. 4th International Meeting on Medicinal and Pharmaceutical Chemistry & 6th International Symposium on Pharmaceutical Chemistry, 30 Eylül – 2 Ekim, 2010 Ankara, Turkey.

Çimen İ, **Tunçay S** and Banerjee S. 15-Lipoxygenase-1 (15-LO-1) in the proliferation, adhesion, migration and invasion of colorectal carcinoma cell lines. European Society of Human Genetics Conference, 23-26 May, Vienna, Austria.

Çimen İ, **Tunçay S**, Üstüner D and Banerjee S. An in vitro study of the tumor suppressive properties of 15-lipoxygenase-1 in colorectal cancer. HIBIT 2009, 16-17April, METU.

Astarci E, **Tunçay S**, Furman R and Banerjee S. Effect of the HDAC inhibitor sodium butyrate on c-fos gene expression: Implication for colorectal tumorigenesis. EMBO Young Scientists Forum, Boğaziçi Üniversitesi 20-22 February 2008.

Tunçay S and Banerjee S (2007). Microsatellite instability induced by Cd- a study of SSLP markers in zebrafish. International Symposium on Health Informatics and Bioinformatics (HIBIT) 30 Nisan - 2 Mayıs, 2007 Antalya, Turkey.

Başarı ve Ödüller:

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- 2008-2009 Akademik Yılı En İyi Tez Ödülü (2010)
 - Orta Doğu Teknik Üniversitesi ve TÜBİTAK UBYT Makale Teşvik Ödülleri (2009, 2012, 2013)