

Gülce SARI KAPLAN CV

1. Name Surname : Gülce SARI KAPLAN

2. Birth Date : 26.05.1988

3. Title : Lecturer

4. Education :

Degree	Major	University	Year
BSc	Molecular Biology and Genetics	Istanbul Technical University	2012
MSc	Molecular Medicine	Yeditepe University	2014
PhD	Biochemistry	Marmara University	2014-still

5. Academical Titles:

Research Assistant : Okan University, 01.03.2013-31.12.2014
Lecturer : Okan University, 01.01.2015-still

6. Responsibilities:

7. Publications:

7.1. Publications in International Refereed Journals:

- **Sari-Kaplan G**, Corek C, Grune T, Ozer NK, Karademir B. Proteasome inhibitors in cancer therapy: treatment regimens and peripheral neuropathy as a side effect. Free Radical Biology & Medicine 2016, 103:1-13. doi: 10.1016/j.freeradbiomed.2016.12.007

- **Sari G**, Yazar M, Tozki H, Duymaz J, Gürkan H. Identification of a novel HLA-A*26 allele, HLA-A*26:01:36, in a Turkish family by sequence-based typing. Tissue Antigens 2014, 84(6):580-1. doi: 10.1111/tan.12461.

- Tozki H, Pamuk ON, Duymaz J, Gurkan H, Yazar M, **Sari G**, Tanrikulu H, Pamuk GE. Increased frequency of class I and II anti-human leukocyte antigen antibodies in systemic lupus erythematosus and scleroderma and associated factors: a comparative study. Int J Rheum Dis. 2014. doi: 10.1111/1756-185X.12484.

- Tozki H, Sagiroglu T, Kiliçarslan-Ayna T, Tan S, Copuroglu E, Sagiroglu G, **Sari G**, Gurkan H, Sezer A. The Presence of Donor-Specific Antibodies in Renal Transplantation. Transplantation Proceedings 2012, 44: 1667–1669. doi:10.1016/j.transproceed.2012.05.052

7.2. International Congresses as Invited Participant and Speaker:.

- **Sari-Kaplan G**, Kavalci B, Tosun C, Sahin ZS, Gulec S, Haidari A, Mutlu-Altundag E, Karademir B. The role of proteasome in the cell cycle progression of induced pluripotent stem cells. Proteostasis and its Biological Implications 2016, Lisboa, Portugal.

- Cinel AE, **Sari G**, Yilmaz AM, Karademir B. Proteasomal degradation of TP53INP1 and their relation to methotrexate treatment in prostate cancer cells. SFRR 2016, Budapest-Hungary Free Radical Biology and Medicine 96 (2016) S32–S69.
- Ozbeyli D, **Sari G**, Ozkan N, Karademir B, Yüksel M, Sirvanci S, Kasimay O. The effect of exercise modalities on D-galactose induced rat Alzheimer model. FEPS 2016 Kaunas, Lithuania.
- **Sari G**, Musuruni S, Wicher G, Mi J, Bergquist J, Karademir B. Heat Shock Proteins In Proteasome Inhibitor Related Neuropathy. SFRR-E Meeting 2015, Stuttgart, Germany.
- Karademir B, Sozen E, Bozaykut P, Altundag EM, Yilmaz AM, Sahin A, Corek C, **Sari G**, Ozer, NK. Chemotherapy Resistance: The role of proteasomal degradation and heat shock response. SFRR-E Meeting 2015, Stuttgart, Germany.
- **Sari G**, Musuruni S, Wicher G, Mi J, Bergquist J, Karademir B. Investigating biomarkers of neuropathy initiated by proteasome inhibitor Bortezomib. The Ubiquitin Family Meeting 2015, Cold Spring Harbor Laboratories, NY, USA.
- **Sari G**, Comertoglu G, Ozdal T, Cicin İ. The Impact of Obesity on ER-PR Positive, HER-2 Negative Breast Cancer. 2nd International Congress on Food Technology; Nov. 5-7, 2014. Kuşadası-Turkey.
- **Sari G**, A new tool for eliminating xenobiotics and heavy metals in creals: Over-expressing Multidrug and Toxic Compound Extrusion proteins. II. International R&D Project Competition, 03-04 June 2013, Izmir-Turkey.
- Gurkan H, Tozkır H, Vatansever-Özbek Ü, **Sari G**, Yazar M, A Complex Phenotype-Patient with de novo 16q21-q24.3 Duplication and 15q11.1-q11.2 Deletion. European Human Genetics Conference, 8-11 Haziran 2013, Paris-France, J02.46.
- Gurkan H., Gokalp S., Tozkır H., **Sari G**, Vatansever-Özbek Ü., Monosomy 1p36 case with left ventricular "noncompaction" and right ventricular rhabdomyoma. European Human Genetics Conference, 8-11 Haziran 2013, Paris-France, J18.20.

7.3. Books Chapter:

- Karademir B and Sari-Kaplan G. Heat Shock Protein (HSP). Encyclopedia of Signaling Molecules, 2nd Edition. Edited by Sangdun C (Online).

7.4. Turkish Publications:

7.5. Turkish Presentations:

- **Sari G**, Uçunoğlu N, Gürkan H, Güleç-Yılmaz S, Yazar M, Dalan AB, Topcu H, Timirci-Kahraman Ö, İsbir T. FLT3-ITD Mutation and 17p13 Deletions in acute myeloid lymphomas. 25. National Biochemistry Congress, September 2013, Izmir-Turkey.
- Tozkır H, Sağıroğlu T, Kılıçarslan-Ayna T, Tan S, Çopuroğlu E, Sağıroğlu G, **Sari G**, Gürkan H, Sezer A. Researching the Presence of Donor Specific Antibodies in Renal Transplantation. VIII. Doku Nakli Koordinasyon Komitesi Kongresi, 12-16 Ekim 2011, Antalya-Türkiye
- Sağıroğlu T, Tozkır H, Çopuroğlu E, Sağıroğlu G, Yağcı MA, Sezer A, **Sari G**, Çağlı B, Utku U. Reversible Posterior Leukoencephalopathy Syndrome Casued by Tacrolimus Application to Renal-Transplanted Patient. VIII. Doku Nakli Koordinasyon Komitesi Kongresi, 12-16 Ekim 2011, Antalya-Türkiye.
- Tan S, Kırgızlar O, Tozkır H, Göncü E, Eker D, **Sari G**, Demir M, Gürkan H. PML RARa bcr2 positive,

acute promyelocytic leukemia patients are more or less sensitive to ATRA treatment?

XII. Ulusal Tıbbi Biyoloji ve Genetik Kongresi, 27-30 Ekim 2011, Antalya-Türkiye. Türkiye Klinikleri J Med Sci 2011;31 S73, ISSN:1300-0292

- Eker D, Kırkızlar O, Tozkır H, Göncü E, Tan S, **Sarı G**, Demir M, Gürkan H. The incidence of Factor II (20210 G>A) and Factor V Leiden mutations and the pathogenesis. XII. Ulusal Tıbbi Biyoloji ve Genetik Kongresi, 27-30 Ekim 2011, Antalya-Türkiye. Türkiye Klinikleri J Med Sci 2011;31 S166, ISSN:1300-0292

7.6 Other Academic Meetings:

- Peripheral neuropathy as the side effect of proteasome inhibitors bortezomib and carfilzomib. SFRR 2016, Budapeşte-Macaristan

- Embriyonik kökenli nöral kök hücre izolasyonu. Ulusal Moleküler Tıp Derneği Sempozyumu 2016, İstanbul-Türkiye.

- Proteasome Inhibitors Trigger Neuropathy By Destabilizing Cytoskeleton. 1st International Cell Death Research Congress 2016, İzmir-Türkiye.

- Isolation of a New MATE Family Gen of Rye Which Has a Possible Relation with Aluminium Tolerance. İTÜ 5. International-Attended Molecular Biology and Genetics Student Congress 2011, İstanbul-Türkiye.

8. Projects:

- Identification of biomarkers of neuropathy initiated by proteasome inhibitor Bortezomib, 2014, (COST)-TUBITAK.

- The effect of exercise modalities on D-galactose induced rat Alzheimer model, 2015-2016, Marmara Üniversitesi BAP.

- Solid Tümörlü Kanser Hastalarında (Kolon Kanseri, Over Kanseri, Akciğer Kanseri, Meme Kanseri, Mide Kanseri, Pankreas Kanseri) C-C Motif Kemokin Ailesinden Monosit Kemotaktik Protein-1 (MCP-1) ve Kemokin Reseptör-2 (CCR2) Varyantlarının Araştırılması (YL Tez Projesi), 2013-2014, Yeditepe Üniversitesi BAP

- Sistemik Lupus Eritromatozus ve Sistemik Skleroz Hastalarında Panel Reaktif Antikor Varlığının Araştırılması, 2013-2014, Trakya Üniversitesi BAP

9. Administrative Responsibilities:

Internship Coordinator - Okan University Dept. of Genetics and Bioengineering

10. Memberships:

Biochemical Society

SFRR Europe

FEBS

Turkish Cell Death Research Organization

11. Awards:

Best Oral Presentation- 2016, İzmir-Turkey, International Cell Death Research Congress 2016

Young Investigator Award - 2015, Stuttgart-Germany

TÜBİTAK COST 1001 STSM Fellowship- 2014

12. Undergraduate and graduate level courses in the last two years:

Academic Year	Term	Course Name	Week Hours		Number of Students
			Theoretical	Practical	
2015-2016	Fall	Introduction to Bioengineering	2	0	15
	Fall	Immunology	3	0	3
	Fall	Cell and Tissue Engineering	0	4	5
	Spring	Molecular Cell Biology I	3	0	15
	Spring	Signaling Pathways and Cancer	3	0	5
	Spring	Protein Engineering	3	0	5
	Spring	Bioengineering Laboratory	0	4	7
2016-2017	Fall	Introduction to Bioengineering	2	0	15
	Fall	Immunology	3	0	6
	Fall	Cell and Tissue Engineering	0	4	7
	Spring	Molecular Cell Biology I	3	0	15
	Spring	Signaling Pathways and Cancer	3	0	11
	Spring	Bioengineering Laboratory	0	4	12