RESUME

1.GENERAL INFORMATION

DATE OF ISSUED	20 February 2017
IDENTIFICATION NUMBER	
TITLE NAME SURNAME	Asst. Prof. Volkan Müjdat TİRYAKİ
MAIL ADDRESS	Siirt Üniversitesi Mühendislik Fakültesi B Blok Kezer Kampüsü Siirt 56100
BIRTHDAY	1981
PHONE	**MOBILE:**
	WORK:+90 484 212 1111-Ext: 3012
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2.EDUCATION

DATE OF GRADUATION	**DEGREE**	**UNIVERSITY-FACULTY- DEPARTMENT**
2003	Bachelor's	Istanbul-Engineering-Electronics Engineering
2006	Master of Science	Istanbul- Engineering-Industrial Engineering
2013	Ph.D.	Michigan State-Engineering-Electrical and Computer Engineering

3. ACADEMIC AND PROFESSIONAL EXPERIENCE

INSTITUTION/FOUNDATION	**COUNTRY**	**CITY**	**DEPARTMENT**	**JOB**	**TASK PERIOD**
Istanbul University	Turkey	Istanbul	Industrial Engineering	Research Assistant	2004-2008
Siirt University	Turkey	Siirt	Bilgisayar Mühendisliği	Yardımcı Doçent Doktor	2015-...

4.CERTIFICATES RECEIVED

DATE	**NAME OF CERTIFICATE**	**PERIOD**

5. PROJECT EXPERIENCE

NAME OF PROJECT	INSTITUTION/ FOUNDATİON	BUDGET	DATE	JOB	TYPE OF PROJECT	ARDEB NUMBER
Nanoscale Cues for Regenerative Neural Cell Systems	National Science Foundation	-	2014	Research Associate	Research	-

6 . OTHER ACADEMIC ACTIVITIES (Referee / Consultancy / Editing Experience)

Number of counseling you have done for articles / reviews registered in international indexes in the recent year	**1**
The number of consultancy you have done for the projects in the recent year	**-**
Total number of citations received by your publications	**1**
Number of students you have counseling	
Other Activities (Work / responsibility / membership etc.)	
Thesis Supervised (Completed)	

	Completed	On-going
Master		**5**
PhD		**-**
Expertise		**-**

7.PUBLICATIONS

SCI, SSCI, AHCI Index Articles Published in the Journals	
Tiryaki Volkan Müjdat, Ayres Virginia M, Ahmed Ijaz, Shreiber David I (2015). Differentiation of reactive-like astrocytes cultured on nanofibrillar and comparative culture surfaces. Nanomedicine, 10(4), 529-545., Doi: 10.2217/nnm.14.33.	
Tiryaki Volkan Müjdat, Usienemnfon Adia Nimuwa, Ayres Virginia M, Ahmed Ijaz, Shreiber David I (2015). Texture-based segmentation and a new cell shape index for quantitative analysis of cell spreading in AFM images. Cytometry Part A, 87(12), 1090-1100., Doi: 10.1002/cyto.a.22739.	
Tiryaki, Volkan Müjdat, Ayres Virginia M, Khan Adeel A, Ahmed I, Shreiber David I, and Meiners Sally. Nanofibrillar scaffolds induce preferential activation of Rho GTPases in cerebral cortical astrocytes, Int. J. Nanomedicine Vol. 07, pp. 3891-3905 (2012).	
Tiryaki Volkan Müjdat, Khan Adeel A,Ayres Virginia M.AFM feature definition for neural cells on nanofibrillar tissue scaffolds. Scanning Vol. 34, pp. 316-324	

(2012).	
International publications in conference proceedings and symposiums	
1. Tiryaki, V.M., Adia-Nimuwa, U., Hartz, S.A., Xie, K., Ayres, V.M., Ahmed, I. and Shreiber, D.I. (2013). New Atomic Force Microscopy Based Astrocyte Cell Shape Index. MRS Online Proceedings Library, 1527, mrsf12-1527-uu05-08 doi:10.1557/opl.2013.417.	
2. Ayres, V.M., Xie, K., Tiryaki, V.M., Ahmed, I., Shreiber, D.I., "Investigation of Nanophysical Properties of Aging Nanofibrillar Tissue Scaffolds by TEM, SAED, Contact Angle and Raman Spectroscopies". In MRS Online Proceedings Library, Volume 1417 Biomaterials for Tissue Regeneration, edited by C Sorrell. Published by Cambridge University Press, Cambridge UK (2012). DOI: 10.1557/opl.2012.747. ISSN: 1946-4274.	
3. Tiryaki, V.M., Ayres, V.M., Ahmed, I., Shreiber, D.I., "Differences in Nanoscale Elasticity of Planar and Nanofibrillar Tissue Cultures". In MRS Online Proceedings Library, Volume 1417 Biomaterials for Tissue Regeneration, edited by C Sorrell. Published by Cambridge University Press, Cambridge UK (2012). DOI: 10.1557/opl.2012.746. ISSN: 1946-4274.	
4. Tiryaki, V.M.,Ayres, V.M., Khan, A.A., Flowers, D.A., Ahmed, I., Delgado-Rivera, R., Meiners, S., "Investigation of Nanofibrillar Influence on Cell-Cell Interactions of Astrocytes by Atomic Force Microscopies". In MRS Online Proceedings Library, Volume 1316E: Nanofunctional Materials, Nanostructures, and Nanodevices for Biomedical Applications II, edited by L A Nagahara, R Sinclair, R Bashir, T Thundat, W Lin. Published by Cambridge University Press, Cambridge, UK (2011). 1316-QQ09-16, DOI: 10.1557/opl.2011.434. ISSN: 1946-4274.	
5. Tiryaki, V.M., Ayres, V.M., Khan, A.A., Delgado-Rivera, R., Ahmed, I., Meiners, S., "Quantitative Investigations of Nanoscale Elasticity of Nanofibrillar Matrices". In MRS Symposium Proceedings Series, Volume 1240E Polymer Nanofibers-Fundamental Studies and Emerging Applications, edited by A. Tanioka. Published by The Materials Research Society, Warrendale, PA (2010). DOI: 10.1557/PROC-1240-WW09-13. ISSN: 1946-4274.	

8. ADMINISTRATIVE DUTIES