

CURRICULUM VITAE

- 1. Name: Umut Fahrioglu**
- 2. Date of Birth: 29 Nisan 1978**
- 3. Title: Assistant Prof. Dr.**

4. Degrees:

Degree	Field	Institution	Date
Undergraduate	Genetics	University of Wisconsin-Madison	1999
Masters Degree	Genetic Counselling	University of Manchester	2006
PhD	Genetics and Developmental Biology	University of Minnesota – Twin Cities	2004

5. Years of Service on Faculty:

Title	Faculty	Year
Dr.	Faculty of Engineering, Near East University	2008-2010
Dr.	Faculty of Medicine, Near East University	2010-2011
Assist. Prof. Dr.	Faculty of Medicine, Near East University	2011 - ongoing

6. Master / Ph.D. Theses Supervision:

6.1 Master Thesis- Completed:

6.3 Ph.D. Thesis- Completed:

7. Publications:

7.1 International Journals:

1. Ferulic acid decreases cell viability and colony formation while inhibiting migration of MIA PaCa-2 human pancreatic cancer cells in vitro. *Gene*. 2015 Oct 27.
2. "Mesenchymal stem cells, cancer challenges and new directions". *European Journal of Cancer*, 2014, Mar 7.
3. "Mesenchymal stem cells as therapeutic delivery vehicles targeting tumor stroma". *Cancer Biotherapy & Radiopharmaceuticals*, 30 August 2011 (epub ahead of print)
4. "mRNA expression analysis and the molecular basis of neonatal testis defect in Dmrt1 mutant mice" *Journal of Sexual Development* 2007;1:42-58.

7.2 International Symposiums and Conferences:

Published Proceeding Papers

1. European Meeting for Psychosocial Aspects of Genetics (EMPAG), 2006. "Experiences and Attitudes of Turkish Cypriots in Cyprus about testing for Thalassaemia carrier status", Davetli Konuşmacı
2. "Foetal ECG Extraction Using Broadband Signal Subspace Decomposition" 10th Mediterranean Microwave Symposium 2010, Konuşmacı

7.3 Books and Book Chapters:

Cancer Stem Cells - The Cutting Edge, ISBN 978-953-307-580-8, edited by Stanley Shostak (2011)

7.4 Printed Lecture Notes:

7.5 National Conferences/Symposiums:

7.6 Other Publications:

8. Projects:

Projects Finished

9. Administrative Posts:

Faculty of Medicine, Departments of Medical Biology and Medical Genetics, Assistant Head
Faculty of Medicine Phase IV Assistant coordinator
Faculty of Medicine Phase I Assistant Coordinator

10. Citations: 29

Title: Human mesenchymal stem cells and their paracrine factors for the treatment of brain tumors

Author(s): Chan, J. K. Y.; Lam, P. Y. P.

Source: CANCER GENE THERAPY Volume: 20 Issue: 10 Pages: 539-543 DOI:

10.1038/cgt.2013.59 Published: OCT 2013

Times Cited: 0 (from Web of Science)

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Title: Myeloid-Derived Suppressor Cells as a Vehicle for Tumor-Specific Oncolytic Viral Therapy

Author(s): Eisenstein, Samuel; Coakley, Brian A.; Briley-Saebo, Karen; et al.

Source: CANCER RESEARCH Volume: 73 Issue: 16 Pages: 5003-5015 DOI: 10.1158/0008-

5472.CAN-12-1597 Published: AUG 15 2013

Times Cited: 0 (from Web of Science)

[[View the abstract](#)[View abstract](#)]

Title: Mesenchymal stem cells: A revolution in therapeutic strategies of age-related diseases

Author(s): Peng, Yan; Huang, Sha; Cheng, Biao; et al.

Source: AGEING RESEARCH REVIEWS Volume: 12 Issue: 1 Pages: 103-115 DOI:

10.1016/j.arr.2012.04.005 Part: 2013 Published: JAN 2013

Times Cited: 0 (from Web of Science)

[View full text from the publisher](#) [[View the abstract](#)[View abstract](#)]

Title: Optical imaging of progenitor cell homing to patient-derived tumors

Author(s): Newton, Isabel G.; Plaisted, Warren C.; Messina-Graham, Steven; et al.

Source: CONTRAST MEDIA & MOLECULAR IMAGING Volume: 7 Issue: 6 Pages: 525-536

DOI: 10.1002/cmml.1485 Published: NOV-DEC 2012

Times Cited: 0 (from Web of Science)

[[View the abstract](#)]

Title: Revisiting the Complexity of the Ovarian Cancer Microenvironment-Clinical Implications for Treatment Strategies

Author(s): Musrap, Natasha; Diamandis, Eleftherios P.

Source: MOLECULAR CANCER RESEARCH Volume: 10 Issue: 10 Pages: 1254-1264 DOI: 10.1158/1541-7786.MCR-12-0353 Published: OCT 2012

Times Cited: 1 (from Web of Science)

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Title: Cell Therapy: A Novel Treatment Approach for Bronchopulmonary Dysplasia

Author(s): Vosdoganes, Patricia; Lim, Rebecca; Moss, Timothy J. M.; et al.

Source: PEDIATRICS Volume: 130 Issue: 4 Pages: 727-737 DOI: 10.1542/peds.2011-2576 Published: OCT 2012

Times Cited: 6 (from Web of Science)

[[View the abstract](#)]

Title: Colon cancer molecular subtypes identified by expression profiling and associated to stroma, mucinous type and different clinical behavior

Author(s): Perez-Villamil, Beatriz; Romera-Lopez, Alejandro; Hernandez-Prieto, Susana; et al.

Source: BMC CANCER Volume: 12 Article Number: 260 DOI: 10.1186/1471-2407-12-260 Published: JUN 19 2012

Times Cited: 1 (from Web of Science)

[View full text from the publisher](#) [[View the abstract](#)]

Title: Interaction between DMRT1 function and genetic background modulates signaling and pluripotency to control tumor susceptibility in the fetal germ line

Author(s): Krentz, Anthony D.; Murphy, Mark W.; Zhang, Teng; et al.

Source: DEVELOPMENTAL BIOLOGY Volume: 377 Issue: 1 Pages: 67-78 DOI: 10.1016/j.ydbio.2013.02.014 Published: MAY 1 2013

Times Cited: 1 (from Web of Science)

[View full text from the publisher](#) [[View the abstract](#)]

Title: Scanning of novel cancer/testis proteins by human testis proteomic analysis

Author(s): Liu, Mingxi; Hu, Zhibin; Qi, Lin; et al.

Source: PROTEOMICS Volume: 13 Issue: 7 Pages: 1200-1210 DOI: 10.1002/pmic.201200489 Published: APR 2013

Times Cited: 1 (from Web of Science)

[[View the abstract](#)]

Title: The downside of 'inappropriate messaging': new insight into the development of testicular germ cell tumours in young men?

Author(s): Sharpe, Richard M.; Mitchell, Rod T.

Source: JOURNAL OF PATHOLOGY Volume: 229 Issue: 4 Pages: 497-501 DOI: 10.1002/path.4167 Published: MAR 2013

Times Cited: 1 (from Web of Science)

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Title: A Wt1-Dmrt1 Transgene Restores DMRT1 to Sertoli Cells of Dmrt1(-/-) Testes: A Novel Model of DMRT1-Deficient Germ Cells

Author(s): Agbor, Valentine A.; Tao, Shixin; Lei, Ning; et al.

Source: BIOLOGY OF REPRODUCTION Volume: 88 Issue: 2 Article Number: 51 DOI: 10.1095/biolreprod.112.103135 Published: FEB 2013

Times Cited: 1 (from Web of Science)

[[View the abstract](#)]

Title: DMRT1 Owner's Manual: Synchronized Installation Required to Operate

Author(s): Tevosian, Sergei

Source: BIOLOGY OF REPRODUCTION Volume: 88 Issue: 2 Article Number: 50 DOI: 10.1095/biolreprod.113.107839 Published: FEB 2013

Times Cited: 0 (from Web of Science)

Title: Partial deletion of DMRT1 causes 46,XY ovotesticular disorder of sexual development

Author(s): Ledig, Susanne; Hiort, Olaf; Wuensch, Lutz; et al.

Source: EUROPEAN JOURNAL OF ENDOCRINOLOGY Volume: 167 Issue: 1 Pages: 119-124 DOI: 10.1530/EJE-12-0136 Published: JUL 2012

Times Cited: 7 (from Web of Science)

[[View the abstract](#)]

Title: Testicular dmrt1 Is Involved in the Sexual Fate of the Ovotestis in the Protandrous Black Porgy

Author(s): Wu, Guan-Chung; Chiu, Po-Chia; Lin, Chien-Ju; et al.

Source: BIOLOGY OF REPRODUCTION Volume: 86 Issue: 2 Article Number: 41 DOI: 10.1095/biolreprod.111.095695 Published: FEB 2012

Times Cited: 3 (from Web of Science)

[[View the abstract](#)]

Title: Effects of di(n-butyl) phthalate exposure on foetal rat germ-cell number and differentiation: identification of age-specific windows of vulnerability

Author(s): Jobling, M. S.; Hutchison, G. R.; van den Driesche, S.; et al.

Source: INTERNATIONAL JOURNAL OF ANDROLOGY Volume: 34 Issue: 5 Pages: E386-E396 DOI: 10.1111/j.1365-2605.2010.01140.x Part: 2 Published: OCT 2011

Times Cited: 6 (from Web of Science)

[[View the abstract](#)]

Title: DMRT1 prevents female reprogramming in the postnatal mammalian testis

Author(s): Matson, Clinton K.; Murphy, Mark W.; Sarver, Aaron L.; et al.

Source: NATURE Volume: 476 Issue: 7358 Pages: 101-+ DOI: 10.1038/nature10239 Published: AUG 4 2011

Times Cited: 73 (from Web of Science)

[[View the abstract](#)]

Title: A second independent locus within DMRT1 is associated with testicular germ cell tumor susceptibility

Author(s): Kanetsky, Peter A.; Mitra, Nandita; Vardhanabhuti, Saran; et al.

Source: HUMAN MOLECULAR GENETICS Volume: 20 Issue: 15 Pages: 3109-3117 DOI: 10.1093/hmg/ddr207 Published: AUG 1 2011

Times Cited: 21 (from Web of Science)

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11. Scientific and Professional Society Memberships

Association of Genetic Nurses and Counsellors

Medical Biology and Genetics Society

12. Courses Taught During the Last Two Semesters:

Academic Year	Semester	Course Name	Weekly taught hours		Number of Students
			Theory	Lab	
2011-2012	Fall	Medical Biology (Faculty of Medicine)	20 (Committee total)	0	96
		Occupational English (Nutrition and Dietetics)	2	0	80
	Spring	Introduction to Biomedical Engineering	3	0	50
2012-2013	Fall	Medical Biology (Faculty of Medicine)	5 (Kurul toplamı)	0	96
		Occupational English (Nutrition and Dietetics)	2	0	80
	Spring	Medical Biology and Genetics (Nutrition and Dietetics)	3	0	80
		Medical English (Engineering)	3	0	50

13. Awards: