

BIOGRAPHICAL SKETCH

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NAME		POSITION TITLE		
INSTITUTION AND LOCATION		DEGREE (if applicable)	MM/YY	FIELD OF STUDY
Abeer Mostafa Mahmoud		Postdoctoral Research Assistant		
Assiut University, Collage of Medicine, Assiut, Egypt.		M.B.B.CH.	09/2000	Medicine
Assiut University, Collage of Medicine, Assiut, Egypt.		Medical Internship	03/2002	Medicine
Assiut University, Collage of Medicine, Assiut, Egypt		M.Sc.	02/2006	Pathology
Assiut University, Collage of Medicine, Assiut, Egypt.		Pathology Residency& fellowship	10/2008	Pathology
University of Illinois at Chicago, Collage of Medicine, Chicago, IL		Ph.D.	03/2013	Pathology

B. Positions and Honors

Positions and Employment

2000 – 2002	Medical Intern, Assiut University Hospital, Assiut, Egypt
2002 – 2006	Surgical Pathology Resident, Assiut University Hospital, Assiut, Egypt
2002 – 2006	Assistant Lecturer of Pathology, Assiut University Hospital, Assiut, Egypt
2006 – 2008	Surgical Pathology Fellow, South Egypt Cancer Institute, Assiut, Egypt
2006 – 2008	Lecturer of Pathology, South Egypt Cancer Institute, Assiut, Egypt
2008 – 2013	Graduate Research Assistant, Dept. Pathology, University of Illinois at Chicago, College of Medicine, Chicago, IL
2013- Present	Postdoctoral Research Assistant, Department of Kinesiology and Nutrition, University of Illinois at Chicago

Professional Certification and Membership

2006 -	Egyptian Board of Surgical Pathology
2008 -	American Association of Cancer Research
2013 -	American Heart Association

Honors, Scholarships and Awards

- **Excellence in Teaching**, Assiut University, Egypt, 2006
- **Egyptian Ministry of Higher Education Scholarship** for pursuing Ph.D in Pathology, 2008-
- **Laurette Kirstein Academic Excellence Scholarship**, University of Illinois at Chicago, Chicago, 2012-2013 academic year

C. Selected Peer-reviewed Publications

Published

Bosland, M.C., **Mahmoud, A.M.** Hormones and prostate carcinogenesis: Androgens and estrogens. Journal of Carcinogenesis, 2011, 10:33

In Review

Mahmoud, A.M., Yang, W., Bosland, M.C. Differential Effects of Genistein on Prostate Cancer Cells Depend on Mutational Status of the Androgen Receptor. Submitted to PlosOne Journal.

Mahmoud, A.M., Wancai Yang, Bosland M.C. Soy Isoflavones and Prostate cancer: Molecular Mechanisms. A Review – Submitted to Nutrition and Cancer Journal.

Umaima Al-Alem , Garth H. Rauscher , Ebony Shah , Ken Batai , **Abeer M. Mahmoud** , Erin Beisner , Abigail Silva , Caryn E. Peterson. Association of Genetic Ancestry with Breast Cancer in Ethnically Diverse Populations. Submitted to Cancer Epidemiology, Biomarkers & Prevention.

In preparation

Mahmoud, A.M., Somal V.S., Solomon, Mey J.M., T.P.J, Kasumov,T, Fealy, C.E., Malin, S.K., Kirwan, J.P., Haus, J.M. Skeletal muscle RAGE expression is normalized and plasma AGEs are reduced following aerobic exercise training in older obese adults.

Mahmoud, A.M. Al-Alem, U., Yang, W., Bosland, M.C. Physiological doses of genistein modified ER- β promoter methylation, expression levels and transcriptional activity in prostate cancer cells.

Mahmoud, A.M., Al-Alem Umaima, Kittles, R.A. Zinc supplementations and serum levels and prostate cancer risk. A meta-analysis.

Mahmoud, A.M., Kefi, A., Mu, W., Dai, Y., Bosland, M.C. Differential miRNA expression among androgen-dependent and -independent prostate cancer cells: Implications for the development of hormone-resistant prostate cancer.

Mahmoud, A.M., Kefi, A., Mu, W., Dai, Y., Bosland, M.C. Genistein modified miRNA expression in androgen dependent and androgen independent prostate cancer cells.

Abstracts

Abeer M. Mahmoud, Vikram Somal, Thomas P. J. Solomon, Takhar Kasumov, Ciaran E. Fealy, Steven K. Malin, John P. Kirwan and Jacob M. Haus. RAGE Expression in Human Skeletal Muscle is Normalized Following Aerobic Exercise Training. American Diabetes Association, 73rd Scientific Sessions, 2013, Chicago, IL.

Abeer M. Mahmoud, Vikram Somal, Thomas P. J. Solomon, Takhar Kasumov, Ciaran E. Fealy, Steven K. Malin, John P. Kirwan and Jacob M. Haus. RAGE Expression in Human Skeletal Muscle is Normalized Following Aerobic Exercise Training in Older Obese Adults. Central Society for Clinical Research 2013, Chicago, IL.

Abeer M. Mahmoud, Umaima Al-alem, Ebony Shah, Ken Batai, Firas Dabbous, Mohamed Ali, Rick Kittles. Zinc and prostate cancer: a systemic review. 104th AACR Annual Meeting, 2013, Washington DC.

Mahmoud, A.M., Martin, I.K., Nonn, L., Bosland, M.C. Differential effects of the isoflavone genistein on androgen receptor expression and cell proliferation comparing prostate cancer cells with mutant and wild type androgen receptor 102nd AACR Annual Meeting, 2011, Orlando, FL.

Mahmoud, A.M., Wancai Yang, Al-alem Umaima, Bosland MC. Physiological doses of genistein reduced ER- β promoter methylation and increased ER- β expression in prostate cancer cells. 103rd AACR Annual Meeting, 2012, Chicago, IL.

Mahmoud, A.M., Yang, W., Al-alem, U., Bosland, M.C. Physiological doses of genistein reduced ER- β promoter methylation and increased ER- β expression in prostate cancer cells. Abstract for Great Lake Nuclear Receptor Conference (GLNRC), Chicago, IL, October 12-13, 2012.

Martin, I.K., Wilder, J.R., Murphy, A.B., **Mahmoud, A.M.**, Bosland, M.C., Stayner, L.T., reeman, V.L. The Role of Adiposity in Racial and Ethnic Disparities in Prostate Cancer Occurrence and Progression. A Systematic Literature Review. 103rd AACR Annual Meeting, 2012, Chicago, IL.

Al-Alem, U., Rauscher, G., Shah, E., Batai, K., **Mahmoud, A.M.**, Beisner, E., Silva, A., Peterson, C., Kittles, R. The Relevance of Genetic Ancestry in Aggressive Breast Cancer. Abstract for the NIH Centers for Population Health and Health Disparities Conference, 2012.
