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Assistant Professor, Clinical Biochemistry

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EDUCATIONAL BACKGROUND

Tabriz University of Medical Sciences Ph.D. in Clinical Biochemistry Dissertation: CETP Genetic Variation and Responsiveness to Changes in HDL Composition	2009
Iran University of Medical Sciences M.Sc. in Clinical Biochemistry Thesis: Adipose Tissue Composition and the Risk of Coronary Heart Disease	2004
Shahid Beheshti University of Medical Sciences B.Sc. in Clinical Laboratory Technology Computer, Research Method	2001

CAREER

Tabriz University of Medical Sciences Assistant Professor, Clinical Biochemistry Under- and post-graduate levels	2010 – Present
University of Sydney, Australia Research Fellowship Ras/MAPK signaling and PPAR α -dependent pathways in cellular cholesterol efflux Fluorescent Microscopy, siRNA Technology, Blotting	2010

RESEARCH INTERESTS

- Regulation of fatty acid metabolism and unsaturation
- Ras signaling and stimulation of cholesterol efflux
- Adipose tissue biology and metabolic syndrome
- Liver growth, regeneration and differentiation

PUBLICATIONS LIST

- Ezzeddini, R., M. Darabi, B. Ghasemi, Y. Jabbari and S. Abdollahi et al., 2012. Circulating phospholipase-A2 activity in obstructive sleep apnea and recurrent tonsillitis. *Int. J. Pediatric Otorhinolaryngol.*, 76: 471-474.
- Khanaki, K., A.M. Ardekani, A. Ghassemzadeh, V. Shahnazi and M.R. Sadeghi et al., 2012. Effect of polyunsaturated fatty acids on secretory phospholipase A2 type IIa in ectopic endometrial cells. *Iranian J. Reprod. Med.*, 10: 321-328.
- Khanaki, K., M. Nouri, M. Ardekani, A. Ghassemzadeh and V. Shahnazi et al., 2012. Evaluation of the relationship between endometriosis and omega-3 and omega-6 polyunsaturated fatty acids. *Iranian Biomed. J.*, 16: 38-43.
- Yousefi, B., M. Darabi, B. Baradaran, M.S. Khaniani and M. Rahbani et al., 2012. Inhibition of MEK/ERK1/2 signaling affects the fatty acid composition of HepG₂ human hepatic cell line. *BiolImpacts.*, 2: 145-150.
- Mohammadi, S., M. Najafi, H. Hamzeiy, N. Maleki-Dizaji and M. Pezeshkian et al., 2012. Protective effects of methylsulfonylmethane on hemodynamics and oxidative stress in monocrotaline-induced pulmonary hypertensive rats. *Adv. Pharmacol. Sci.*, 10.1155/2012/507278.
- Sahmani, M., R. Najafipour, L. Farzadi, E. Sakhinia and M. Darabi et al., 2012. Correlation between PPAR γ protein expression level in granulosa cells and pregnancy rate in IVF program. *Iranian J. Reprod. Med.*, 10: 149-154.
- Shaaker, M., A. Rahimpour, M. Nouri, K. Khanaki and M. Darabi et al., 2012. Fatty acid composition of human follicular fluid phospholipids and fertilization rate in assisted reproductive techniques. *Iranian Biomed. J.*, 16: 162-168.

- Mehdizadeh, A., A. Rahimipour, L. Farzadi, M. Darabi and V. Shahnazi et al., 2011. Correlation between the level of cholesteryl ester transfer protein in follicular fluid with fertilization rates in IVF/ICSI cycles. *Iranian J. Reproduc. Med.*, 9: 193-198.
- Mehdizadeh, A., L. Rahimipour, L. Farzadi, V. Shahnazi and M. Darabi et al., 2011. Correlation between fatty acid composition of human follicular fluid with number of mature oocytes in patients undergoing IVF/ICSI. *Iranian J. Reproduc. Med.*, 9: 13-14.
- Mesgarzadeh, A.H., A.A. Abolfathi, S. Dastgiri, M. Shaaker and A.M. Vatankhah et al., 2011. Interleukin-1 beta, interleukin-6 and TGF-beta in follicular tissue of impacted third molars. *Eur. Cytokine Network*, 22: 103-106.
- Sahmani, M., E. Sakhinia, L. Farzadi, R. Najafipour and M. Darabi et al., 2011. Two common polymorphisms in the peroxisome proliferator-activated receptor [γ] gene may improve fertilization in IVF. *Reproduct. Biomed.*, 23: 355-360.
- Wood, P., V. Mulay, M. Darabi, K.C. Chan and J. Heeren et al., 2011. Ras/Mitogen-activated Protein Kinase (MAPK) signaling modulates protein stability and cell surface expression of scavenger receptor SR-BI. *J. Biol. Chem.*, 286: 23077-23092.
- Ghatrehsamani, K., M. Darabi, M. Rahbani, H.M. Chaleshtory and E. Farrokhi, 2009. Combined hepatic lipase-514C/T and cholesteryl ester transfer protein I405V polymorphisms are associated with the risk of coronary artery disease. *Genetic Test. Mol. Biomark.*, 13: 809-815.
- Noori, M., M. Darabi, A. Rahimipour, M. Rahbani and N.A. Abadi et al., 2009. Fatty acid composition of HDL phospholipids and coronary artery disease. *J. Clin. Lipidol.*, 3: 39-44.
- Pezeshkian, M., M. Noori, H. Najjarpour-Jabbari, A. Abolfathi and M. Darabi et al., 2009. Fatty acid composition of epicardial and subcutaneous human adipose tissue. *Metab. Syndr. Relat. Disord.*, 7: 125-131.
- Ghahremanpour, F., M. Firoozrai, M. Darabi, A. Zavarei and A. Mohebbi, 2008. Adipose tissue trans fatty acids and risk of coronary artery disease: A case-control study. *Ann. Nutr. Metab.*, 52: 24-28.

CONGRESS PRESENTATIONS

- Intrahepatic IgD-positive B cells with lower APRIL associated with higher liver fibrosis in chronic hepatitis B
Iranian International Congress of Gastroenterology and Hepatology 2011, Tehran 2011
- Altered fatty acid composition in bladder urothelial carcinoma tissue
11th European Nutrition Conference, Madrid 2011
- Effects of follicular fluid fatty acid and PPAR polymorphism on oocytes and fertilization in IVF
Fertility Conference 2011, Dublin 2011
- Effect of ω -3 and ω -6 polyunsaturated on cell survival in ectopic and eutopic endometrial cell cultures
International Journal of Biochemistry and Molecular Biology, Mashhad 2011
- A Method for Sampling and Study of Adipose tissue in Man
10th European Nutrition Congress, Paris 2007
- Cholesteryl Ester Transfer Protein and Apolipoprotein A-I Response to HDL Fatty Acid Composition
Heart Foundation Conference 2009, Brisbane 2009
- Multiple alignment of estrogen receptor β single nucleotides polymorphism
3rd International Congress of Biochemistry, Tehran University, Tehran 2009