

**MASOUD DARABI, PhD**  
**Assistant Professor, Clinical Biochemistry**

Date of Birth: 06/11/1978

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## EDUCATIONAL BACKGROUND

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

## CAREER

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

## 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 $\gamma$  protein expression level in granulosa cells and pregnancy rate in IVF program. *Iranian J. Reprod. Med.*, 10: 149-154.
- Shaaker, M., A. Rahimipour, 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 [ $\gamma$ ] 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. Najarpour-Jabbari, A. Abolfathi and M. Darabi et al., 2009. Fatty acid composition of epicardial and subcutaneous human adipose tissue. *Metab. Synd. 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.

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## CONGRESS PRESENTATIONS

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- 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  $\omega$ -3 and  $\omega$ -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  $\beta$  single nucleotides polymorphism  
3rd International Congress of Biochemistry, Tehran University, Tehran 2009