



## *Résumé*

# *Ali Ghaffarian-Bahraman*

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### **Education:**

- Ph. D in **Toxicology** Shiraz University of medical sciences 2013\_2019

Dissertation: “The study of reciprocal interaction between aryl hydrocarbon receptor (AHR) and melanocortin receptor 1 ligands in melanogenesis” under supervision of Professor of Toxicology Akram Jamshidzadeh and Afshin Mohammadi Bardbori in Shiraz University of medical sciences, Department of Pharmacology and Toxicology.

- M.Sc. in **Toxicology** Tehran University of medical sciences 2008\_2011

Dissertation: “Protective effect of magnesium (Mg) and selenium (Se) on cadmium (Cd) toxicity in the isolated perfused rat liver system” under supervision of Professor Mahmoud Ghazi-Khansari Tehran University of medical sciences, Department of pharmacology.

- B.S in Public Health, Kerman University of medical sciences 2003-2008

Project course title: “Prevalence of thalassemia in Kerman province” Under supervision of Dr. Maryem Safarnavadh

✓ **Publications & Submission:**

- ✓ A. jafari, Sh. Shoeibi , M. Amini, **A. Ghafarian**, M. Ghazi-Khansari “ **Monitoring of Dithiocarbamate Fungicide Residues in Greenhouse and Nongreenhouse Tomatoes by High Performance Liquid Chromatography in Iran**” Food Additives & Contaminants [2012](#)
- ✓ **A.Ghafarian Bahraman**, I. Shahroozian, A. Jafari, M. Ghazi-Khansari “**Protective effect of magnesium (Mg) and selenium (Se) on cadmium (Cd) toxicity in the isolated perfused rat liver system**” [2014](#)
- ✓ M. Allahtavakoli, N. Honari, I. Pourabolli , M.K Arababadi , **A.Ghafarian Bahraman**, A. Roohbakhsh, A.E Nadimi 5, A. Shamsizadeh "Vitex Agnus Castus Extract Improves Learning and Memory and Increases the Transcription of Estrogen Receptor  $\alpha$  in Hippocampus of Ovariectomized Rats" [2015](#)
- ✓ Mohammadi, A.Najibi, N.Amirzadegan , R.Gharibi , M. Omid , A. Saeedi , **A.Ghafarian Bahraman** , H. Niknahad "Coenzyme Q10 remarkably improves the bio-energetic function of rat Liver mitochondria treated with statins" [2015](#)
- ✓ **A.Ghafarian Bahraman**, N. Sadeghimanesh, M. Mirzaei, A. Mohammadi "Effects of omeprazol and ketoconazole on aryl hydrocarbon receptor (AHR)" [2017](#)
- ✓ M. Omid , **A.Ghafarian Bahraman**, A. Mohammadi " GSH/GSSG redox couple plays central role in aryl hydrocarbon receptor-dependent modulation of cytochrome P450 1A1 " [2018](#)
- ✓ **A.Ghafarian Bahraman**, S. Hosseini,A.Jafari, J. Ghani-Dehkordi, ,<sup>MR</sup>, Arabnezhad "Occurrence of aflatoxin M1 in milk of five animal species in Iran: a systematic review and meta-analysis" ([2019](#))
- ✓ A. Ghaedi, Majid Keshavarzi, **A.Ghafarian Bahraman**, A. Mohammadi " Selective cytochrome P450 1A1 but not 1B1 promoter CpG island DNA methylation by 6-formylindolo[3,2- b]carbazole (FICZ)" ([2019](#))
- ✓ MR.Arabnezhada, N. Montazeri, N. Chatrabnous, A. **Ghaffarian Bahraman**, A. Mohammadi. " Anti-androgenic effect of 6-formylindolo[3,2-b]carbazole (FICZ) in LNCaP cells is mediated by the aryl hydrocarbon-androgen receptors cross-talk" [2020](#)
- ✓ M. Keshavarzi, MJ. Khoshnood, **A.Ghafarian Bahraman**, A.Mohammadi "An endogenous ligand of aryl hydrocarbon receptor 6-formylindolo[3,2-b]carbazole (FICZ) is a signaling molecule in neurogenesis of adult hippocampal neurons" ([2020](#))

- ✓ Yasaman Behzadipour, Issa Sadeghian, **Ali Ghaffarian Bahraman** , Shiva Hemmati "**Introducing a delivery system for melanogenesis inhibition in melanoma B16F10 cells mediated by the conjugation of tyrosine ammonia-lyase and a TAT-penetrating peptide**" [2020](#)
- ✓ **Bahraman, Ali Ghaffarian**, Akram Jamshidzadeh, Majid Keshavarzi, Mohammad-Reza Arabnezhad, Hamidreza Mohammadi, and Afshin Mohammadi-Bardbori. " **$\alpha$ -Melanocyte-Stimulating Hormone Triggers Melanogenesis Via Activation of the Aryl Hydrocarbon Receptor Pathway in B16F10 Mouse Melanoma Cells.**" *International Journal of Toxicology* **40**,[2021](#).
- ✓ Mohammadi, H., Daryabor, G., **Ghaffarian Bahraman, A.**, Keshavarzi, M., Kalantar, K., & Mohammadi-Bardbori, A. **Aryl hydrocarbon receptor engagement during redox alteration determines the fate of CD4+ T cells in C57BL/6 mice.** *Journal of Biochemical and Molecular Toxicology*; [2021](#).
- ✓ Mohammadi, Salman, Majid Keshavarzi, Asma Kazemi, Enayat Berizi, Mohammad Ali Mohsenpour, and **Ali Ghaffarian-Bahraman**. "**Occurrence of aflatoxin M 1 in yogurt of five countries in west Asia region: A systematic review and meta-analysis.**" *Journal of Food Safety* [.2021](#)
- ✓ Mohammadi, Salman, Reza Rastmanesh, Farzaneh Jahangir, Zohreh Amiri, Kurosh Djafarian, Mohammad Ali Mohsenpour, Soheil Hassanipour, and **Ali Ghaffarian-Bahraman**. "**Melatonin Supplementation and Anthropometric Indices: A Randomized Double-Blind Controlled Clinical Trial.**" *BioMed Research International*. [2021](#).