

CURRICULUM VITAE



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EMPLOYMENT HISTORY

Assistant Professor, September 2013- Present

Dept. of Pharmacology and Toxicology, Faculty of Pharmacy, Zabol University of Medical Sciences, Shahid Rajaee Ave., Zabol, Iran

EDUCATION

Doctor of Philosophy, 2008-2013

Dept. of Pharmacology and Toxicology, Faculty of Pharmacy, Shaheed Beheshti University of Medical Sciences

Thesis title: Comparison of Cellular and Molecular Cytotoxic Mechanisms of *Cochlodinium polykrikoides* in Isolated Trout and Rat Hepatocytes

Doctor of Pharmacy (Pharm.D.), 2002-2008

Faculty of Pharmacy, Mashhad University of Medical Sciences, Mashhad, Khorasan, Iran

Thesis title: evaluation of pyridinyltriazoles as inhibitors of p38 MAP Kinase

RESEARCH INTERESTS

- Mechanistic toxicology
- Oxidative stress
- Liver toxicity
- Mitochondrial toxicity

PUBLICATIONS (Full Papers)

- Mahmoud Hashemzaei, Mohammad Yarahmazi, Kaveh Tabrizian, Jafar Shahraki: *Palladium induced oxidative stress and cell death in normal hepatocytes*. DOI:10.4314/jfas.8vi2s.6
- Mahmoud Hashemzaei, Amene Badrooze, Kaveh Tabrizian, Mehrdad Iranshahi, Mehdi Khoshsim Shahraki, Esmail Azimi Khatibani and Jafar Shahraki (2016). *Effects of luteolin on intra peritoneal adhesion bands in rat*. Journal of Fundamental and Applied Sciences **8**(2): 1-11.
- Somaye Shahraki, Fereshteh Shiri, Hassan Mansouri-Torshizi, Jafar Shahraki: *Characterization of the interaction between a platinum(II) complex and human serum albumin: Spectroscopic analysis and molecular docking*. Journal of the Iranian Chemical Society 11/2015; 13(4)., DOI:10.1007/s13738-015-0784-8
- Kaveh Tabrizian, Najmeh Sadat Yaghoobi, Mehrdad Iranshahi, Jafar Shahraki, Ramin Rezaee, Mahmoud Hashemzaei: *Auraptene consolidates memory, reverses scopolamine-disrupted memory in passive avoidance task, and ameliorates retention deficits in mice*. Iranian Journal of Basic Medical Science 10/2015; 18(10):1014-1019.
- Shokoufeh Hassani, Hashem Yaghoobi, Roya Khosrokhavar, Iman Jafarian, Vida Mashayekhi, M.-J. Hosseini, Jafar Shahraki: *Mechanistic view for toxic effects of arsenic on isolated rat kidney and brain mitochondria*. Biologia 05/2015; 70(5):683-689., DOI:10.1515/biolog-2015-0081
- Mahmoud Hashemzaei, Jalal Pourahmad, Fahimeh Safaeinejad, Kaveh Tabrizian, Fahimeh Akbari, Gholamreza Bagheri, Mir-Jamal Hosseini, Jafar Shahraki: *Antimony induces oxidative stress and cell death in normal hepatocytes*. Toxicological and Environmental Chemistry 04/2015; 97(2-ahead-of-print):1-10., DOI:10.1080/02772248.2015.1032616
- Mir-Jamal Hosseini, Jafar Shahraki, Saman Tafreshian, Ahmad Salimi, Mohammad Kamalinejad, Jalal Pourahmad: *Protective Effects of Sesamum indicum Extract Against Oxidative Stress Induced by Vanadium on Isolated Rat Hepatocytes*. Environmental Toxicology 03/2015; 31(8)., DOI:10.1002/tox.22107
- V Mashayekhi, Kamaledin Haj Mohammad Ebrahim Tehrani, M Hashemzaei, K Tabrizian, J Shahraki, M-J Hosseini: *Mechanistic approach for the toxic effects of perfluorooctanoic acid on isolated rat liver and brain mitochondria*. Human & Experimental Toxicology 01/2015; 34(10)., DOI:10.1177/0960327114565492
- Jafar Shahraki, Mohammad Kamalinejad, Mona Zareh: *Cytoprotective Effects of Hydrophilic and Lipophilic Extracts of Pistacia vera against Oxidative Versus Carbonyl Stress in Rat Hepatocytes*. Iranian journal of pharmaceutical research (IJPR) 09/2014; 13(4-4):1263-1277.

- Mohammad Reza Eskandari, Faezeh Moghaddam, Jafar Shahraki, Jalal Pourahmad: *A comparison of cardiomyocyte cytotoxic mechanisms for 5-fluorouracil and its pro-drug capecitabine*. *Xenobiotica* 07/2014; 45(1):1-9., DOI:10.3109/00498254.2014.942809
- Jafar Shahraki, Abbasali Motallebi, Iman Barekati, Enayatollah Seydi, Jalal Pourahmad: *Comparison of cellular and molecular cytotoxic mechanisms of Cochlo-dinium polykrikoides in isolated trout and rat hepatocytes*. *Toxicological and Environmental Chemistry* 07/2014; 96(6-ahead-of-print):1-14., DOI:10.1080/02772248.2014.980132
- Fatemeh Shaki, Mir-Jamal Hosseini, Jafar Shahraki, Mahmoud Ghazi-Khansari, Jalal Pourahmad: *Toxicity of depleted uranium on isolated liver mitochondria: a revised mechanistic vision for justification of clinical complication of depleted uranium (DU) on liver*. *Toxicological and Environmental Chemistry* 10/2013; 95(7)., DOI:10.1080/02772248.2013.863419
- Jafar Shahraki, Abbasali Motallebi, Jalal Pourahmad: *Oxidative mechanisms of fish hepatocyte toxicity by the harmful dinoflagellate Cochlo-dinium polykrikoides*. *Marine environmental research* 04/2013; 88., DOI:10.1016/j.marenvres.2013.03.004
- Jafar Shahraki, Abbasali Motallebi, Marjan Aghvami, Jalal Pourahmad: *Ichthyotoxic Cochlo-dinium polykrikoides Induces Mitochondrial Mediated Oxidative Stress and Apoptosis in Rat Liver Hepatocytes*. *Iranian journal of pharmaceutical research (IJPR)* 02/2013; 12(4):829-44.
- Jalal Pourahmad, Mohammad Reza Eskandari, Amineh Kaghazi, Fatemeh Shaki, Jafar Shahraki, Javad Khalili Fard: *A new approach on valproic acid induced hepatotoxicity: Involvement of lysosomal membrane leakiness and cellular proteolysis*. *Toxicology in Vitro* 02/2012; 26(4):545-51., DOI:10.1016/j.tiv.2012.01.020
- Mir-Jamal Hosseini, Nina Seyedrazi, Jafar Shahraki, Jalal Pourahmad: *Vanadium induces liver toxicity through reductive activation by glutathione and mitochondrial dysfunction*. *Advances in Bioscience and Biotechnology* 01/2012; 3(08):1096-1103., DOI:10.4236/abb.2012.38134
- Jalal Pourahmad, Yassar Mortada, Mohammad Reza Eskandari, Jafar Shahraki: *Involvement of Lysosomal Labilisation and Lysosomal/mitochondrial Cross-Talk in Diclofenac Induced Hepatotoxicity*. *Iranian journal of pharmaceutical research (IJPR)* 02/2011; 10(4):877-87.
- Jalal Pourahmad, Marzieh Amirmostofian, Farzad Kobarfard, Jafar Shahraki: *Biological reactive intermediates that mediate dacarbazine cytotoxicity*. *Cancer Chemotherapy and Pharmacology* 05/2009; 65(1):89-96., DOI:10.1007/s00280-009-1007-8

PRESENTATIONS (Abstracts)

- 1- Pourahmad J, Motallebi A, Shahraki J. A search for cellular and molecular mechanisms involved in dinoflagellate Cochlo-dinium polykrikoides induced mammalian hepatotoxicity. 15th international symposium on toxicity assessment. Hong Kong, China, 2011.
- 2- Shahraki J, Pourahmad J, Motallebi A. Cytotoxicity mechanisms involved in dinoflagellate Cochlo-dinium polykrikoides induced liver toxicity. 11th international congress of the Iranian society of toxicology. Mashhad, Iran, 2011.
- 3- Jafari S, Agooshi H, Akrami R, Shahraki J. an epidemiological research on Crimean-Congo hemorrhagic fever in Zabol between 2006 and 2012, national students congress on pharmaceutical sciences, 2014 (Hashemzaei, Badrooze et al. 2016).

Date: June 7th, 2017