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Education:

BSc: Chemistry, Shahid Bahonar University, Iran

MSc: Biochemistry, Kerman University of Medical Sciences, Iran

PhD: Biochemistry, Tehran University of Medical Sciences, Iran

Appointment:

Assistant Professor, Department of Biochemistry, Kerman University of Medical Sciences,
2013-Present

Publications:

- 1- Bastin AR, Nazari-Robati M, Sadeghi H, Doustimotagh AH, Sadeghi A. Trehalose and N-acetyl cysteine alleviate inflammatory cytokine production and oxidative stress in LPS-stimulated human peripheral blood mononuclear cells. *Immunol Invest.* 2021;25:1-17.
- 2- Akbari M, Dabiri S, Moeini-Aghtaei MM, Nazari-Robati M. Thermostabilized chondroitinase ABC promotes neuroprotection after contusion spinal cord injury. *Journal of Kerman University of Medical Sciences.* 2020;27(5):369-379.
- 3- Nasouti R, Khaksari M, Mirzaee M, Nazari-Robati M. Trehalose protects against spinal cord injury through regulating heat shock proteins 27 and 70 and caspase-3 genes expression. *J Basic Clin Physiol Pharmacol.* 2019;31(1).
- 4- Nazari-Robati M, Akbari M, Khaksari M, Mirzaee M. Trehalose attenuates spinal cord injury through the regulation of oxidative stress, inflammation and GFAP expression in rats. *J Spinal Cord Med.* 2019;42(3):387-394.

- 5- Rajaie A, Allahyari M, Nazari-Robati M, Fallah H. Inhibition of interleukin-1 receptor-associated kinases 1/4, increases gene expression and serum level of adiponectin in mouse model of insulin resistance. *Int J Mol Cell Med.* 2018;7(3):1-8.
- 6- Mirzaie M, Karimi M, Fallah H, Khaksari M, Nazari-Robati M. Downregulation of matrix metalloproteinases 2 and 9 is involved in the protective effect of trehalose on spinal cord injury. *Int J Mol Cell Med.* 2018;7(1):8-16.
- 7- Akbari H, Asadikaram G, Jafari A, Nazari-Robati M, Ebrahimi G, Ebrahimi N, Masoumi M. Atorvastatin, losartan and captopril may upregulate IL-22 in hypertension and coronary artery disease; the role of gene polymorphism. *Life Sci.* 2018;207:525-531.
- 8- Nowzari Z, Masoumi M, Nazari-Robati M, Akbari H, Shahrokh N, Asadikaram G. Association of polymorphisms of leptin, leptin receptor and apelin receptor genes with susceptibility to coronary artery disease and hypertension. *Life Sci.* 2018;207:166-171.
- 9- Akbari M, Dabiri SH, Nematollahi-Mahani SN, Nazari-Robati M. Effect of enzyme chondroitinase ABC on glial fibrillary acidic protein, chondroitin sulfated proteoglycans and chondroitin 4-sulfate level in an animal model of spinal cord injury. *J Kerman Univ Med Sci.* 2017;24 (4):259-67.
- 10- Akbari M, Khaksari M, Rezaeezadeh-Roukerd M, Mirzaee M, Nazari-Robati M. Effect of chondroitinase ABC on inflammatory and oxidative response following spinal cord injury. *Iranian J Basic Med Sci.* 2017;20(7):806- 12.
- 11- Nazari-Robati M, Golestani A, Asadikaram G. Improvement of proteolytic and oxidative stability of Chondroitinase ABC I by cosolvents. *Int J Biol Macromol.* 2016;91:812-7.
- 12- Ludeman JP, Nazari-Robati M, Wilkinson BL, Huang C, Payne RJ, Stone MJ. Phosphate modulates receptor sulfotyrosine recognition by the chemokine monocyte chemoattractant protein-1 (MCP-1/CCL2). *Org Biomol Chem.* 2015;13(7):2162-9.
- 13- Nazari-Robati M, Khajeh K, Aminian M, Mollania N, Golestani A. Enhancement of thermal stability of chondroitinase ABC I by site-directed mutagenesis: An insight from Ramachandran plot. *Biochim Biophys Acta.* 2013;1834(2):479-86.
- 14- Nazari-Robati M, Khajeh K, Aminian M, Fathi-Roudsari M, Golestani A. Co-solvent mediated thermal stabilization of chondroitinase ABC I form *Proteus vulgaris*. *Int J Biol Macromol.* 2012;50(3):487-92.

Research interests:

Protein stabilization, protein-protein interactions, Neurodegenerative diseases

Technical expertise:

Cloning, protein expression and purification, protein structure studies by fluorescence and CD, site directed mutagenesis, enzyme assay, binding assay (Fluorescence anisotropy), cell culture, western blotting, bioinformatics and method development