

**In the name of God**

***Curriculum vitae***

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**Educational Records:**

2006-2012 **Ph.D.**, Clinical Biochemistry, Tehran University of Medical  
Science, Tehran, Iran.

2002- 2005 **M.Sc.**, Clinical Biochemistry, Tarbiat Modares University,  
Tehran, Iran.

1995-1999 **B.S.**, Biology, Shiraz University, Shiraz, Iran.

### Honors and Awards:

Ranked 2nd among 1500 participants in the nationwide Clinical biochemistry MSc entrance exam.

Ranked 2nd among 122 participants in the Clinical Biochemistry PhD entrance exam.

Young Scholar Award Razi Festival 2009.

Favorite book of the year award for Devlin translation (to Persian) 2009.

### Publications:

1- Changes in hepatic cytosolic glutathione S-transferase activity and expression of its class-P during prenatal and postnatal period in rats treated with aflatoxin B1. Fatemi F, Allameh A, Dadkhah A, Forouzandeh M, Kazemnejad S, **Sharifi R**. Arch Toxicol. 2006; 80:572-579.

2- Class Pi of glutathione s-transferases. Kazemnejad S, Rasmi Y, **Sharifi R**, Allameh A. Iranian journal of Biotechnology.2006; 4: 1-16.

3- Harmful effects of taking ecstasy. Fatemi F, Hedaiati M, Dadkhah A, **Sharifi R**, Allameh A. Journal of the Faculty of Medicine. Shaheed Beheshti University of Medical Sciences and Health Services. 2006, 30(3).

4- Cyclooxygenase; prevention and treatment of cancer. **Sharifi R**, Allameh A, Hedaiati M, Rasmi Y, Rahmati M, Fatemi F. Journal of the Faculty of Medicine. Shaheed Beheshti University of Medical Sciences and Health Services. 2007, 31(3).

5- Relationship between genetic polymorphism of Glutathione s-transferase – p1 and p53 protein accumulation in Iranian esophageal squamous cell carcinoma patients. **Sharifi R**, Allameh A, Biramijamal F, Mohammadzadeh SH, Rasmi Y, Tavangar SM, Jamali-Zavarei M. Indian Journal of Cancer.2008; 45(1):8-11.

6- Immunohistochemical analysis of selected molecular markers in esophagus precancerous, adenocarcinoma and squamous cell carcinoma in Iranian subjects. Allameh A , Rasmi Y, Nasser-Moghaddam S, Tavangar SM, **Sharifi R** , Sadreddini M. *Cancer Epidemiology*. 2009;33: 79–84.

7- Frequency of ABO blood group in peptic ulcer disease in Iranian subjects. Rasmi Y, Sadreddini M, Peirovi T, Jamali M, Khosravifar F, Dadkhah A, Fatemi F, Rahmati M, Zargari M, **Sharifi R**. *Pak J Biol Sci*. 2009; 12 (13): 991-993.

8- The effect of silymarin (*Silybum marianum*) on human skin fibroblasts in an in vitro wound healing model. **Sharifi R**, Pasalar P, Kamalinejad M, Dehpour AR, Tavangar SM, Paknejad M, Mehrabani Natanzi M, Nourbakhsh M, Ahmadi Ashtianif HR, Akbari M, Rastegar H. *Pharmaceutical Biology*. 2012.

9- Effect of topical application of Silymarin (*Silybum marianum*) on excision wound healing in albino rats. **Sharifi R**, Rastegar H, Kamalinejad M, Dehpour AR, Tavangar SM, Paknejad M, Mehrabani Natanzia M, Ghannadian N, Akbari M, Ahmadi Ashtiani AH, Pasalar P. *Acta Med Iran*. 2012 ;50(9):583-8.

10- Effect of Aqueous Extract of *Elaeagnus angustifolia* Fruit on Experimental Cutaneous Wound Healing in Rats. Mehrabani Natanzi M, Pasalar P, Kamalinejad M, Dehpour AR, Tavangar SM, **Sharifi R**, Ghanadian N, Rahimi-Balaei M, Gerayesh-Nejad S. *Acta Med Iran*. 2012;50(9):589-96.

11- Evaluation of antibacterial activity of silymarin against enteric bacterial pathogens. Oshaghi M, **Sharifi R**. *International of Herbal Medicine*. 2016; 4(5): 44-45.

12- Evaluation of Direct Effect of Testosterone on NGEF and LMO1 Expression in LNCaP Prostate Cancer Cells. Mohsenzadegan M, Sharifi R, Taromi N, Farajollahi M. *Current Biomarkers* 2016.

13- Proliferative and Anti-Inflammatory Effects of Resveratrol and Silymarin on Human Gingival Fibroblasts: A View to the Future. Shahidi M,

Vaziri F, Haerian A, Farzanegan A, Jafari S, **Sharifi R**, Sadeghi Shirazi F. *J Dent (Tehran)*.2017; 14(4).

14- Wound healing potential of aqueous extract of *elaegnus angustifolia* fruit with down regulation of TNF-alpha in rat. Natanzi M, Khodaii Z, Gerayesh-Nejad S, Kamalinejad M, **Sharifi R**, Tavangar S.M, Dehpour A.R, Pasalar P. *Acta Medica Mediterranea*. 2017; 32(2):305-312.

15- Evaluation of Plasma TRB3 and Sestrin 2 Levels in Obese and Normal-Weight Children. Nourbakhsh M, **Sharifi R**, Ahmadpour F, Ghorbanhosseini S, Razzaghy Azar M, Javad A, Larijani B. *Child Obes*. 2017 Oct;13(5):409-414.

16-The Generation of Hematopoietic Progenitor Cells from Endothelial Cells by Silymarin. Shahidi M, **Sharifi R**, Sadeghi-Shirazi F, Parhizkary F. *Clin Lab*. 2018 Oct 31;64(11).

17- Plasma levels of CTRP-3, CTRP-9 and apelin in women with multiple sclerosis. Rasooli Tehrani A, Gholipour S, Sharifi R, Yadegari S, Abbasi-Kolli M, Masoudian N. *J Neuroimmunol*. 2019

18- Metformin reduces fibrosis factors in insulin resistant and hypertrophied adipocyte via integrin/ERK, collagen VI, apoptosis, and necrosis reduction. Malekpour-Dehkordi Z, Teimourian S, Nourbakhsh M, Naghiaee Y, Sharifi R, Mohiti-Ardakani J. *Life Sci*. 2019

19 -Effects of Resveratrol on coagulative, fibrinolytic, and inflammatory markers expression and secretion by endothelial Cells (HUVECs). Minoo Shahidi, Freshteh Parhizkary, Roya Sharifi, Abbas Ghotaslou, Mahmood Barati. *Blood Coagulation & Fibrinolysis*, 2020.

20 -The SNPs within 3'UTR of miRNA Target Genes Related to Multiple Sclerosis: A Computational Prediction. Mina Zafarpiran, Roya Sharifi, Zeinab Shirvani-Farsani. *Current Pharmacogenomics and Personalized Medicine*. 2020.

21 -Nicotinamide Phosphoribosyltransferase (NAMPT) Knockdown Contributes to the Development of Fatty Liver Disease through the SIRT1-AMPK Pathway. Davod Ilbeigi , Mitra Nourbakhsh, Parvin Pasalar , Reza Meshkani , Hajar Shokri Afra , Ghodrattollah Panahi , Mohammad Borji , Roya Sharifi. *Cell Journal (yakhteh)*. 2020.

22 -The effect of trans-palmitoleic acid on cell viability and sirtuin 1 gene expression in hepatocytes and the activity of peroxisome-proliferator-activated receptor-alpha. Ramesh Farokh Nezhad, Mitra Nourbakhsh, Maryam Razzaghy-Azar, Roya Sharifi, Parichehreh Yaghmaei. Journal of Research in Medical Sciences. 2020.

23 -Circulating TRB3 and GRP78 levels in type 2 diabetes patients: crosstalk between glucose homeostasis and endoplasmic reticulum stress. Nourbakhsh, M., Sharifi, R., Heydari, N, Ezzati-Mobasser, S., Zarrinnahad, H. Journal of Endocrinological Investigation, 2022, 45(3), pp. 649–655.

24 -Angiotensin-Like Proteins 2 and 3 in Children and Adolescents with Obesity and Their Relationship with Hypertension and Metabolic Syndrome. Arab Sadeghabadi, Z., Nourbakhsh, M., Alaei, M, Sharifi, R., Razzaghy-Azar, M. International Journal of Hypertension, 2021, 2021, 6748515`.

#### Abstracts presentation in Congresses:

1-**Sharifi R**, Allameh A, Biramijamal F, Tavangar SM, Rasmi Y. P53 protein accumulation in esophageal squamous cell carcinoma patients from Northern of Iran. Gastrointestinal Cancers Seminar Imam Hospital, 2005.

2-Rasmi Y, Allameh A, Nasser-Moghadam S, Tavangar SM, **Sharifi R**, Biramijamal F, Amiriani T. Immunohistochemical determination of the glutathione s-transferase pi in patients with gastroesophageal disease. Gastrointestinal Cancers Seminar Imam Hospital, 2005.

3-**Sharifi R**, Allameh A, Biramijamal F, Tavangar SM, Jamali Zavarei M, Rasmi Y, Dadkhah A. Immunohistochemistry of COX-2 and P53 protein in Tissue Biopsies from Iranian Esophageal Squamous Cell Carcinoma. The 8th Regional Conference of Asian Pacific Organization for cancer Prevention(APOCP) GI Cancer Control. Zibakenar, Rasht, Iran.25-27 Apr,2005.10.20.

4- Biramijamal F, Allameh A, Sanati MH, **Sharifi R**. P53 polymorphism in Iranian Population with four different ethnicity and incidence pattern of esophageal Cancer. The 8th Regional Conference of Asian Pacific

Organization for cancer Prevention(APOCP) GI Cancer Control. Zibakenar, Rasht, Iran.25-27 Apr,2005.10.20

5- Rasmi Y, Allameh A, Nasser-Moghadam S, Tavangar SM, Frouzandeh-Moghaddam M, Zargari M, **Sharifi R**, Rahmati M, Dadkhah A, Fatemi F. Glutathione s-transferase Pi expression in matched human normal, precancerous and malignant esophagus mucosa. Iranian Journal of Biochemistry and Molecular Biology.vol 1, No 1, September 2005.

6- Kazemnejad S, Allameh A, Mesbah SA, **Sharifi R**, Fatemi F. Glutathione s-transferase p (GST-P) expression at mRNA level in developing Rats. Iranian Journal of Biochemistry and Molecular Biology.vol 1, No 1, September 2005.

7- Fatemi F, Allameh A, Dadkhah A, Rasmi Y, Kazemnejad S, **Sharifi R**. Considering Aflatoxin B1 (AFB1) effect on Glutathione s-transferase class-Pi (GSTPi) induction in mRNA and protein level in fetal Rats. Iranian Journal of Biochemistry and Molecular Biology.vol 1, No 1, September 2005.

8- Allameh A, Biramijamal F, Tavangar SM, Jamali-zavarei M, Rasmi Y, **Sharifi R**. Polymorphism of Glutathione s-transferase p1 in Iranian patients with esophageal squamous cell carcinoma and normal individuals. The 9<sup>th</sup> Iranian Congress of Biochemistry. Shiraz. Oct,29-Nov,1.2007.

9-Allameh A, **Sharifi R**, Mohammadzadeh Sh, Biramijamal F. Glutathione S-transferase class-p expression and genotyping in Iranian patients suffering from squamous cell carcinoma. Chinese Medical Journal. 2007;October 10, Vol 120.

10-Mirmiranpour H, Khaghani SH, Paknejad M, **Sharifi R**, Khonakdar A, Assa P, Karami H, Ghanadian N. Inhibition of angiogenesis in diabetes by amygdalin.10<sup>th</sup> Iranian Congress of Biochemistry & 3<sup>rd</sup> International Congress of Biochemistry and Molecular Biology, 16-19 November 2009, Tehran, Iran.

11- **Sharifi R**, Rastegar H, kamalinejad M, Dehpour AR, Paknejad M, Tavangar SM, Mehrabani Natanzi M, Ghanadian N, Akbari M, Pasalar P. Effect of Silymarin on H<sub>2</sub>O<sub>2</sub> induced oxidative stress and collagen synthesis in human fibroblast cells. 12<sup>th</sup> Iranian Congress of Biochemistry & 4<sup>th</sup> International Congress of Biochemistry & Molecular Biology.2011,6-9 Sep.

12- Mehrabani Natanzi M, Gerayesh Nejad S, Kamalinejad M, Dehpour AR, Tavangar SM, **Sharifi R**, Ghannadian N, Pasalar P. Histological changes and wound healing response following use of aqueous extract of *Elaeagnus angustifolia* in albino rats. 12<sup>th</sup> Iranian Congress of Biochemistry & 4<sup>th</sup> International Congress of Biochemistry & Molecular Biology.2011,6-9 Sep.

13- **Sharifi R**, Kamali Nejad M, Pasalar P, Rastegar H, Dehpour AR, Paknejad M, Tavangar S M, Mehrabani natanzi M, Ghanadian N. Protective effect of Silymarin on H<sub>2</sub>O<sub>2</sub>-induced oxidative stress in human fibroblast cells. FEBS Journal 2011.

14- Mehrabani Natanzi M, Kamali Nejad M, Gerayesh-Nejad S, Dehpour A R, Tavangar S M, **Sharifi R**, Ghanadian N, Pasalar P. Wound healing activity of aqueous extract of *elaeagnus angustifolia* in albino rat. FEBS Journal 2011.

### **Books:**

Translation of Devlin's Biochemistry.