

# Curriculum Vita

**NAME:** Roghayeh

**SURNAME:** Abbasalipourkabar

**ADDRESS:** School of Medicine, Hamadan University of Medical Sciences, Hamadan, IRAN

**E-mail:** [abbasalipourkabar@umsha.ac.ir](mailto:abbasalipourkabar@umsha.ac.ir)

## **1-EDUCATION AND QUALIFICATION:**

### **1-1- LONG-TERM TRAINING:**

1-PhD in Biochemistry from University of Putra (UPM)-Malaysia, 2006-2010

2-M.Sc in Biochemistry from University of Tarbiat Modares-Iran, 1989-1993

3-B.Sc in Chemistry from University of Tehran-Iran, 1979-1986

### **1-2-SHORT-TERM TRAINING:**

1-Active participant in SPSS short course at Hamadan University of Medical Sciences & Health Services-Iran in 1994

2-Active participant in Educational methodology workshop at Hamadan University of Medical Sciences & Health Services-Iran in 1994

3-Active participant in Research methodology workshop at Hamadan University of Medical Sciences & Health Services-Iran in 1995

4-Active participant in advanced Research methodology workshop at Hamadan University of Medical Sciences & Health Services-Iran in 1997

5- Active participant in English course at the University of Glasgow-UK (1999)

6-Active participant in scientific writing methodology workshop at Hamadan University of Medical Sciences & Health Services-Iran (2006)

7- Active participant in 2<sup>nd</sup> National Conferences on Laboratory Animal Science at Laboratory Animal Science Association of Malaysia-Malaysia (2008)

## **JOBS:**

1-Academic member in Department of Biochemistry at Hamadan University of Medical Sciences – Iran, from October 1993 to now

2-Research activities in Department of Pharmacology at Shahid Beheshti University of Medical Sciences – Iran (1993)

3- Research activities in Department of Chemistry at University of Tarbiat Modares – Iran, 1988-1989

4-Scientific competition with the compost project at the Ministry of Industry – Iran, 1987-1988

5-Teaching Chemistry and Mathematics at the schools –Iran, 1979-1986

### **TEACHING EXPERIENCES:**

1-General Chemistry for laboratory science and health students

2-General Biochemistry for Midwifery, Nursing, Operation technician, Health and Laboratory science students

3-General Biochemistry for Medical students

4-Practical Clinical Biochemistry for laboratory science students

5-Clinical Biochemistry for Laboratory Science students

6-Fundamental Biochemistry for Health service science students

7-Practical Biochemistry for Entomology students

8-Practical introduction of laboratory for laboratory students

9-Clinical Biochemistry for M.Sc Biochemistry students

10- Enzymology for M.Sc Biochemistry students

11-Medical Biochemistry for PhD Molecular Medicine students

12- Biochemistry of Cancer for PhD Biochemistry students

13-Animal Cell Culture for M.Sc Biotechnology students

14- Trace elements for PhD Biochemistry students

15- Clinical Biochemistry for PhD Biochemistry students

### **CONGRESS:**

**1-Pourkabir, R.** and Karami, F (1993) “Prostaglandins and cancer” 11<sup>th</sup> National Congress of Pharmacology and Physiology, Tabriz-Iran

**2-Pourkabir, R.** and Maleknia, N (1993) “Extraction and Identification of type IV of human placental collagens” 2<sup>nd</sup> National Congress of Biochemistry, Tehran-Iran

**3-Pourkabir, R.** and Maleknia, N (1997) “Electrophoresis pattern of human Premature placental collagens” 13<sup>th</sup> National Congress of Pharmacology and Physiology, Isfahan-Iran

**4-Pourkabir, R.** and Maleknia, N (1997) “The study on SDS-PAGE electrophoresis of collagen types in Iranian placentas in order to specify the collagen genetically Disorders” 4<sup>th</sup> National Congress of Biochemistry, Babol-Iran

**5-Pourkabir, R.** and Mahjub, H (2003) “Variation of some metabolic parameters due to DMPA in Hamadan city” 7<sup>th</sup> National Congress of Biochemistry, Ahvaz-Iran

**6- Abbasalipourkabir, R.** and Jonaidi Jafari, A (2006) "Detection of some estrogenic endocrine disrupting in surface water sediments and sewage from Hamadan" 9<sup>th</sup> National Congress of Environmental Health, Isfahan-Iran

**7- Abbasalipourkabir, R.** Nagi Al-Haj and Rasedee Abdullah (2008) "Tamoxifen Loaded Solid Lipid Nanoparticles: Preparation and Characterization" Asean Scientific Conference in Pharmaceutical Technology, Penang-Malaysia

**8- Abbasalipourkabir, R.** Mazna Bt Ismail, Shahidan Radmin, Arifa Abdulkadir and Rasedee Abdullah (2009) "preparation and characterization of surface-modified solid lipid nanoparticles (SLN) as a drug delivery system” 3<sup>rd</sup> International Congress of Biochemistry and Molecular Biology. Tehran-Iran

**9- Abbasalipourkabir, R.** Aref Salehzadeh and Rasedee Abdullah (2010) "*In vitro* antitumoral activity of tamoxifen-loaded solid lipid nanoparticle" 1<sup>st</sup> Pharmaceutical Sciences Conference and Exhibition (PSCE), Penag- Malaysia.

**10- Roghayeh Abbasalipourkabir,** Rasedee Abdullah and How Chee Wun (2011). Characterization of surface-modified nanostructured lipid carriers as colloidal carrier system. 12<sup>th</sup> National Congress of Biochemistry and 4<sup>th</sup> international Congress of Biochemistry & Molecular Biology, Mashhad-Iran

**11- Abbasalipourkabir, R.** Aref Salehzadeh and Rasedee Abdullah (2011). Influenc of soy lecithin and nonionic emulcifier on long term stability of solid lipid nanoparticles as drug delivery system, 20<sup>th</sup> National Congress of physiology and Pharmacology, Hamedan –Iran

**12- Abbasalipourkabir, R.** Moradi H. Asadi S. Zareie S. (2015). Effect of ZnO and nano ZnO on antioxidant enzymes of male Wistar rat, 4<sup>th</sup> Iranian Congress of Trace Elements, Hamadan-Iran

**13- Abbasalipourkabir, R.** Moradi H. Asadi S. Zareie S. (2015). Effect of ZnO and nano ZnO on Liver enzymes of male Wistar rat, 4<sup>th</sup> Iranian Congress of Trace Elements, Hamadan-Iran

#### **PUBLICATION:**

#### **PUBLICATION:**

**1-Pourkabir R.** Maleknia N. and Pasalar P. The Electrophoretical Pattern of Premature Placental Collagens. Scientific Journal of Hamadan University of Medical Sciences & Health Services. 2002; 9(1). (Persian)

2- Salehzadeh, A. and **Pourkabir, R.** The Comparison of Rotenone and an Environmentally Safe Insecticide (Azadirachtin) on Cultured Cell Respiration. Journal of Research in Health Sciences. Autumn & winter. 2003;3(2):1-8

3- **Pourkabir, R.** and Mahjub, H. Variation of some metabolic parameters due to DMPA in Hamadan city. Scientific journal of Khorram Abad University of Medical Sciences & Health Services. 2004;6(22): 31-36. (Persian)

4- **Pourkabir, R.** and Mahjub, H. A study of the kinds of placental collagens from Iranian women to determine the standard rate of placental collagen. Scientific journal of Khorram Abad University of Medical Sciences & Health Services. 2004;6(20): 25-32. (Persian)

5- **Pourkabirrah, R.** and Jafari Jonedi, A. Endocrine distrupture. Pajouhan. 2006;Spring & Summer 8(1-2):32-42. (Persian)

6- Jafari Jonaidi, A. and **Pourkabir, R.** Endocrine disrupting contaminant in water resources and sewage in Hamadan city of Iran. Iranian Journal of Environmental Health Science & Engineering. 2009;6(2):89-96

7- **Abbasalipourkabir, R.** Dehghan, A. Salehzadeh, A. Shams Abadi, F. and Rasedee Abdullah. Induction of mammary gland tumor in female Sprague-Dawley rats with LA-7 cells. African Journal of Biotechnology. 2010;9(28):4491-4498

8- **Abbasalipourkabir, R.** Salehzadeh, A. and Rasedee Abdullah (2010). Antitumor activity of tamoxifen loaded solid lipid nanoparticles on induced mammary tumour gland in Sprague-Dawley rats. African Journal of Biotechnology. 2010;9(43):7337-7345

9- **Abbasalipourkabir, R.** Salehzadeh, A. and Rasedee Abdullah. Delivering tamoxifen within solid lipid nanoparticles. Pharmaceutical Technology. 2011;35(4): 74-79

10- Chee Wun How<sup>1</sup>, Rasedee Abdullah and **Roghayeh Abbasalipourkabi.** Physicochemical properties of nanostructured lipid carriers as colloidal carrier system stabilized with polysorbate 20 and polysorbate 80. African Journal of Biotechnology, 2011;10(9):1684-1689.

11- Aref Salehzadeh and **Roghayeh Abbasalipourkabir.** Differential Uptake of Azadirachtin by Sf9 and MCF7 Cell Lines. Indian journal of Fundamental and applied Life Science. 2011;1(3):146-152.

12- **Abbasalipourkabir, R.** Salehzadeh, A. and Rasedee Abdullah. Cytotoxicity effect of solid lipid nanoparticles on human breast cancer cell lines. Biothechnology. 2011; 10(6): 528-533.

13- **Abbasalipourkabir, R.** Salehzadeh A, Rasedee Abdullah. Solid lipid nanoparticles as new drug delivery system. *Review*. International Journal of Biothechnology and Molecular Biology Research. 2011;2(13): 252-261.

14- **Roghayeh Abbasalipourkabir,** Rasedee Abdullah and How Chee Wun (2011). Characterization of surface-modified nanostructured lipid carriers as colloidal carrier system. Clinical Biochemistry (Suppl). 2011;44(13):S76.

15- **Abbasalipourkabir, R.** Salehzadeh, A. and Rasedee Abdullah (2012). Characterization

and Stability of Nanostructured Lipid Carriers as Drug Delivery System. Pakistan Journal of Biological Sciences. 2012;15(3):141-146.

**16-** Chee Wun How, Rasedee Abdullah and **Roghayeh Abbasalipourkabir**. Characterization and Cytotoxicity of Nanostructured Lipid Carriers as Drug Delivery Vehicle Formulated with Olive Oil, Hydrogenated Palm Oil and Polysorbate 80. Transaction on Nanobioscience. IEEE Trans Nanobioscience. 2012;12(2): 72-78.

**17- Abbasalipourkabir, R.** Salehzadeh, A. and Rasedee Abdullah. *in vitro* investigations on the toxicity induced by tamoxifen and tamoxifen-loaded solid lipid nanoparticles on two breast cancer cell types. Avi J Med Biochem. 2013;1(1): 36-40.

**18-** Khalil Zaboli. Hassan Aliarabi. Ali Asghar Bahari. **Roghayeh Abbasalipourkabir**. Role of dietary nano-zinc oxide on growth performance and blood levels of mineral: A study on Iranian Angora (Markhoz) goat kids. Journal of Pharmaceutical and Health Sciences. 2013;2(1): 19-26.

**19-** Seyed-Mostafa Hosseini-Zijoud, Sadegh Zarei, Hasan Ghasemi, Mehdi Mahmoodi, **Roghaye Abbasalipourkabir**. Aptamers and their biological-therapeutical applications: A review article. Pajouhan Scientific Journal 2013;12(1):11-26. (Persian)

**20-** Bahreini E, Aghaiypour K, **Abbasalipourkabir, R.** Goodarzi MT, Saidijam M, Safavieh SS. An Optimized Protocol for Over-Production Of Recombinant Protein Expression In Escherichia Coli. Preparative Biochemistry and Biotechnology. 2014;4:44(5):510-28.

**21-** Bahreini E, Aghaiypour K, **Abbasalipourkabir R,** Rezaei Mokarram A, Goodarzi MT, Saidijam M. Preparation and nanoencapsulation of L-asparaginase II in chitosan-tripolyphosphate nanoparticles and *in vitro* release study. Nanoscale Research Letters 2014;9:340.

**22-** Abolfazl Nasiri, Nasrin Ziamajidi, Hamid Behrouj, Roghayeh Abbasalipourkabir, Arash Dehghan. The effects of aqueous extract of chicory root on steatosis, lipid profile and liver damage enzyme markers in tamoxifen-treated rats. Molecular and Biochemical Diagnosis (MBD). 2014;1(3):185-194.

**23-** Giti Kalantarian, Roya Avazpoor Tarkalki, **Roghayeh AbbasaliPourKabir,** Nasrin Sheikh, Zahra Karimi. Structural and Functional Investigation of activated form of blood coagulation factor X. Pajouhan Scientific Journal. 2015;12(4):7-13. (Persian)

**24-** Nasrin Ziamajidi, Hamid Behrouj, Abolfazl Nasiri, **Roghayeh Abbasalipourkabir,** Sara Soleimani Asl. Therapeutic Effect of Silybum marianum Plant Extract on Tamoxifen-Induced Fatty Liver in Rats. Avicenna J. Med. Biochem. 2015;3(1):5-27160.

**25- Abbasalipourkabir, R.** Salehzadeh, A. and Rasedee Abdullah. Tamoxifen-loaded solid lipid nanoparticles-induced apoptosis in breast cancer cell lines. The Journal of Experimental Nanoscience. 2015;11(3).

**26-** Maryam Salehzadeh, Parham Norouzian, **Roghayeh Abbasalipourkabir**. The use of nanoparticles in diagnosis and treatment of breast cancer: A review. Pajouhan Scientific Journal. 2015;13(2):1-12. (Persian)

- 27- Roghayeh Abbasalipourkabir**, Hemen Moradi, Sadegh Zarei, Soheila Asadi, Aref Salehzadeh, Abolfazl Ghafourikhosroshahi, Motahareh Mortazavi, Nasrin Ziamajidi. Toxicity of Zinc oxide nanoparticles on adult male Wistar rats. *Food and Chemical Toxicology*. 2015;84:154-160
- 28-** Maryam Esmaeili, Mahdi Aghajani, **Roghayeh Abbasalipourkabir** and Amir Amani. Budesonide-loaded solid lipid nanoparticles for pulmonary delivery: preparation, optimization, and aerodynamic behavior. *Artificial Cells, Nanomedicine, and Biotechnology*. 2016;44(8):1964-1971.
- 29-** Hosseini-Zijoud SM, Ebadi SA, Goodarzi MT, Hedayati M, **Abbasalipourkabir R**, Mahjoob MP, Poorolajal J, Zicker F, Sheikh N. Lipid peroxidation and antioxidant status in patients with medullary thyroid carcinoma: A case-control study. *Journal of clinical and diagnostic research*. 2016;10(2):BC04.
- 30- Abbasalipourkabir R**, Ziamajidi N, Nasiri A, Behrouj H. Effects of aqueous extracts of chicory and milk thistle on serum concentrations of copper, zinc, and manganese in tamoxifen-treated rats. *Biological trace element research*. 2016;173:140-3.
- 31- Roghayeh Abbasalipourkabir**, Mohammad Fallah, Fruzan Sedighi, Amir Hossein Maghsood, Saman Javid. Nanocapsulation of Nitazoxanide in Solid Lipid Nanoparticles as a New Drug Delivery System and *in vitro* Release Study. *Journal of Biological Sciences*, 2016;16(4): 120-127
- 32-** F. Sedighi, **R. Abbasalipourkabir**, A.H. Maghsood, Fallah. Comparison of Therapeutic Effect of Anti-Cryptosporidium Nano-Nitazoxanide (NTZ) with Free form of this Drug in Neonatal Rat. *Scientific Journal of Hamadan University of Medical Sciences*. 2016;23(2): 134-140 (Persian)
- 33-** Sepideh Namdar, Naser Zanganeh, Ali Nikkhah, Nasrin Ziamajidi, Arash Dehghan and **Roghayeh Abbasalipourkabir**. Effect of tamoxifen capsulated in nanoparticles on serum antioxidant in female ovariectomized rat. *Trends in Medical Research*. 2016;11(3):95-100
- 34-** F. Sedighi, **R. Abbasalipourkabir**, A.H. Maghsood, M. Fallah. Comparison of Therapeutic Effect of Anti-Cryptosporidium Nano-Nitazoxanide (NTZ) with Free form of this Drug in Neonatal Rat. 2016;23(2):134-140. (Persian)
- 35-** A Nasiri, N Ziamajidi, **R Abbasalipourkabir**, MT Goodarzi, M Saidijam. Beneficial Effect of Aqueous Garlic Extract on Inflammation and Oxidative Stress Status in the Kidneys of Type 1 Diabetic Rats. *Indian Journal of Clinical Biochemistry*. 2017;32:329-36.
- 36-** Javid S, Ziamajidi N, Foroughi S, **Abbasalipourkabir R**. Effects of tamoxifen-loaded solid lipid nanoparticles on the estrogen receptor- $\alpha$  (ER- $\alpha$ ) and vascular endothelial growth factor-A (VEGF-A) genes expression in the endometrial tissue of ovariectomized female Sprague-Dawley rats. *International Journal of Biological Macromolecules*. 2017;22; 96:706-712.
- 37-** Ziamajidi N, Nasiri A, **Abbasalipourkabir R**, Sadeghi Moheb S. Effects of garlic extract on TNF- $\alpha$  expression and oxidative stress status in the kidneys of rats with STZ + nicotinamide-induced diabetes. *Pharm Biol*. 2017;55(1):526-531.

- 38-** Eftekharian MM, Azimi T, Ghafouri-Fard S, Sayad A, Omrani MD, Sarrafzadeh S, **Abbasalipourkabir R**, Mazdeh M, Taheri M. Phospholipase D1 expression analysis in relapsing-remitting multiple sclerosis patients. *Neurological Sciences*. 2017;38(5):865-872.
- 39-** Nasrin Ziamajidi, Arash Dehghan, Naser Zangeneh, Parham Norouzian, **Roghayeh Abbasalipourkabir**. Effects of tamoxifen-loaded solid lipid nanoparticles on Kidney and liver of female ovariectomized rats. *Journal of Clinical and Diagnostic Research*. 2017;11(12):KC01-KC05
- 40-** Nasrin Ziamajidi, **Roghayeh Abbasalipourkabir**, Hamid Behrouj, Abolfazl Nasiri and Fatemeh Lotfi. Effects of Aqueous Extract of *Allium sativum* on Biochemical Parameters and Oxidative Stress in STZ- and STZ+niacinamide-induced Diabetes Mellitus Rats. *Annual Research & Review in Biology*. 2017;15(3):1-8.
- 41-** Somayeh Sadeghi Moheb, **Roghayeh Abbasalipourkabir**, Mohammad Taghi Goodarzi, Alireza Nourian, Nasrin Ziamajidi. The effects of Aqueous Garlic Extract on TGF- $\beta$ 2 Gene and Protein Expression in Retinal Tissues of Male Diabetic Rats. *Scientific Journal of Hamadan University of Medical Sciences*. 2017;48(24)2.(Persian).
- 42-** Sadegh Zarei, Hemen Moradi, Soheila Asadi, **Roghayeh Abbasalipourkair**, Nasrin Ziamajidi. Investigating the Effect of Zinc Oxide on Enzymatic Antioxidant Activity in Male Rats. *Pajouhan Scientific Journal*. 2017;15(3):29-35. (Persian).
- 43-** Seyed Alireza Ebadi, **Roghayeh Abbasalipourkabir**, Mehdi Hedayati, Nasrin Sheikh, Abbas Bakhtiari, Puria Momeni, Pouria Mohammadi. Katalcalcin (PDN-21) Serum Level in Patients with Medullary Thyroid Carcinoma: Case-Control Study. *Journal of Military Medicine*. 2017;19(4):383-389. (Persian).
- 44-** Karimi MN, **Abbasalipourkabir R**, Arab Sadeghabadi Z, Ziamajidi N. The level of gene expression of Bax and Bcl-2 and the activity of caspase 3 in the liver tissues of normal, type 1 and type 2 diabetic rats before and after treatment with aqueous extract of garlic. *J Shahid Sadoughi Univ Med Sci*. 2017;25(7): 547-55. (Persian).
- 45-** Nasrin Ziamajidi, Hamid Behrouj, Roghayeh Abbasalipourkabir, Fatemeh Lotfi. Ameliorative Effects of *Allium sativum* Extract on iNOS Gene Expression and NO Production in Liver of Streptozotocin + Nicotinamide-Induced Diabetic Rats. *Ind J Clin Biochem*. 2018;33:147-53.
- 46-** Mohammad Jamshidi, Nasrin Ziamajidi, Iraj Khodadadi, Arash Dehghan, Giti Kalantarian, **Roghayeh Abbasalipourkabir**. The effect of insulin-loaded trimethylchitosan nanoparticles on rats with diabetes type I. *Biomedicine & Pharmacotherapy*. 2018;729-735.
- 47-** Naser Zanganeh, Nasrin Ziamajidi, Iraj Khodadadi, Massoud Saidijam, **Roghayeh Abbasalipourkabir**. Liver Genes Expression Induced by Tamoxifen Loaded Solid Lipid Nanoparticles in Wistar Female Rats. *Cell Biochem Biophys*. 2018;76:303-10
- 48-** Shadi Foroughi, Nasrin Ziamajidi, Saman Javid, **Roghayeh Abbasalipourkabir**, Reza Aflatoonian, Mahnaz Ashrafi, Alireza Nourian. Study of telomerase reverse transcriptase and uterine-ovarian-specific genes expression in the endometrial tissue of ovariectomized female Sprague-Dawley rats. *International Journal of Biological Macromolecules*. 2018;113:1302-

- 49-** Giti Kalantarian, Nasrin Ziamajidi, Reza Mahjub, Mohammad Taghi Goodarzi, Massoud Saidijam, Sara Soleimani Asl and **Roghayeh Abbasalipourkabir**. Effect of insulin-coated trimethyl chitosan nanoparticles on IGF-1, IGF-2, and apoptosis in the hippocampus of diabetic male rats. *Restorative Neurology and Neuroscience*. 2018;36(4):571–581
- 50 -** Arab Sadeghabadi Z, Ziamajidi N, **Abbasalipourkabir R**, Mohseni R. (2018). Garlic (*Allium sativum*) increases SIRT1 and SIRT2 gene expressions in the kidney and liver tissues of STZ- and STZ+niacinamide-induced diabetic rats. *J Basic Clin Physiol Pharmacol*. 2018;25;29(5):463-467.
- 51-** Shirin Heidarisan, Nasrin Ziamajidi, Jamshid Karimi, **Roghayeh Abbasalipourkabir**. Effects of insulin-loaded chitosan-alginate nanoparticle on RAGE expression and oxidative stress status in the kidney tissue of rats with type 1 diabetes. *Iranian Journal of Basic Medical Sciences*. 2018;21(10):1035-42
- 52-** Fatemeh Sadat Hosseini, **Roghayeh Abbasalipourkabir**, Maliheh Abbasalipourkabir, Sedigheh Nabyan, Alireza Bashiri, Abolfazl Ghafourikhosroshahi (2018). Effect of Vitamin A and Vitamin C on attenuation of Ivermectin-induced toxicity in male Wistar rats. *Environmental Science and Pollution Research*. 2018;Oct;25(29):29408-29417.
- 53-** Hamid Behrouj, Nasrin Ziamajidi, **Roghayeh Abbasalipourkabir**, Mohammad Taghi Goodarzi and Massoud Saidijam (2018). Hypoglycemic and antioxidant effects of oral administration of garlic extract in the livers of type 1 diabetic rats. *J Basic Clin Physiol Pharmacol*. 2018;Nov 24;30(2):245-250.
- 54-** Jabbari Vesal N, Rostampour N, **Abbasali Pourkabir R**, Nikzad S. Investigating the Effect of Magnetic Field on Cortisol, Blood Sugar, Triiodothyronine and Thyroxin Hormones in Rat. *Pajouhan Scientific Journal*. 2018;16(3): 67-74. (Persian)
- 55-** Khodadadi I, **Abadalipourkabir R**, Shafiee Gh. In Vitro Evaluation of the Effects of Tamoxifen on Prostate Cancer Cells. *J Babol Univ Med Sci*. 2018;20(11):13-18. (Persian).
- 56-** Azar Ghavimishamekh, Nasrin Ziamajidi, Arash Dehghan, Mohammad Taghi Goodarzi, Roghayeh Abbasalipourkabir (2018). Study of Insulin-Loaded Chitosan Nanoparticle Effects on TGF-b1 and Fibronectin Expression in Kidney Tissue of Type 1 Diabetic Rats. *Ind J Clin Biochem*. 2019;34:418-26
- 57-** Aref Salehzadeh, **Roghayeh Abbasalipourkabir**, Behrooz Shisheian, Ali Rafaat, Ali Nikkha and Tahereh Rezaii. The alleviating effects of sesame oil on diazinon-induced toxicity in male wistar rats. *Drug and Chemical Toxicology*. 2019;4;42(3):280-5
- 58-** Sadeghabadi ZA, Ziamajidi N, **Abbasalipourkabir R**, Mohseni R, Borzouei S. Palmitate-induced IL6 expression ameliorated by chicoric acid through AMPK and SIRT1-mediated pathway in the PBMCs of newly diagnosed type 2 diabetes patients and healthy subjects. *Cytokine*. 2019 Apr;116:106-114.

- 59-** Arash Moradi, Nasrin Ziamajidi, Abolfazl Ghafourikhosroshahi, **Roghayeh Abbasalipourkabir**. Effects of vitamin A and vitamin E on attenuation of titanium dioxide nanoparticles-induced toxicity in the liver of male Wistar rats. *Mol Biol Rep*. 2019 Jun;46(3):2919-2932.
- 60-** Jalal Ghaderkhani, Rasoul Yousefimashouf, Mohammadreza Arabestani, Ghodrattollah Roshanaei, Sara Soleimani Asl and **Roghayeh Abbasalipourkabir**. Improved antibacterial function of Rifampicin-loaded solid lipid nanoparticles on *Brucella abortus*. *Artificial Cells, Nanomedicine and Biotechnology*. 2019 Dec;47(1):1181-1193.
- 61-** Seyed Mostafa Hosseini, **Roghayeh Abbasalipourkabir**, Farid Azizi Jalilian, Sara Soleimani Asl, Abbas Farmany, Ghodrattollah Roshanaei and Mohammad Reza Arabestani. Doxycycline-encapsulated solid lipid nanoparticles as promising tool against *Brucella melitensis* enclosed in macrophage: a pharmacodynamics study on J774A.1 cell line. *Antimicrobial Resistance and Infection Control*. 2019 Apr 3:8:62.
- 62-** Roohollah Mohseni, Zahra Arab Sadeghabadi, Nasrin Ziamajidi, **Roghayeh Abbasalipourkabir**, Azam Rezaei Farimani.. Oral administration of resveratrol-loaded solid lipid nanoparticle improves insulin resistance through targeting expression of SNARE proteins in adipose and muscle tissue in rats with type 2 diabetes. 2019 Jul 9;14(1):227
- 63-** Jahangard L, Mahmoud Hedayati M, **Abbasalipourkabir R**, Haghghi M, Ahmadpanah M, Faryadras M, Thorsten Mikoteit T, Sadeghi Bahmani D, Brand S. Omega-3-polyunsaturated fatty acids (O3PUFAs), compared to placebo, reduced symptoms of occupational burnout and lowered morning cortisol secretion. *Psychoneuroendocrinology*. 2019 Nov;109:104384.
- 64-** Zahra Arab Sadeghabadi, **Roghayeh Abbasalipourkabir**, Roohollah Mohseni, Nasrin Ziamajidi. 2019. Investigation of oxidative stress markers and antioxidant enzymes activity in newly diagnosed type 2 diabetes patients and healthy subjects, association with IL-6 level. *J Diabetes Metab Disord*. 2019 Sep 9;18(2):437-443.
- 65-** Hosseini SM, Farmany A, **Abbasalipourkabir R**, Soleimani Asl S, Nourian A, Arabestani MR. Doxycycline-encapsulated solid lipid nanoparticles for the enhanced antibacterial potential to treat the chronic brucellosis and preventing its relapse: in vivo study. *Ann Clin Microbiol Antimicrob*. 2019 Nov 9;18(1):33. doi: 10.1186/s12941-019-0333-x.
- 66-** Giti Kalantarian, Nasrin Ziamajidi, **Roghayeh Abbasalipourkabir**, Reza Mahjub, Mohammad Taghi Goodarzi, Massoud Saidijam, Sara Soleimani Asl, Mohammad Jamshidi. Effect of insulin-loaded trimethyl chitosan nanoparticles on genes expression in the hippocampus of diabetic rats. *Journal of Basic and Clinical Physiology and Pharmacology*. 2019; Nov 20;31(2).
- 67-** Mostoli R, Omid T, **Abbasalipourkabir R**, Ziamajidi N. Determination of Lead, Arsenic and Nickel concentration in Iranian and Foreign Hair Colors. *Journal of Health*, 2019;10(3):302-311. (Persian).
- 68-** Roghayeh Abbasalipourkabir, Nasrin Ziamajidi. (2019). An Overview of the Role of Nanoparticles in Handling the Breast Cancer. *Avicenna Journal of Medical Biochemistry*. 2019 June;7(1):1-3

- 69-** Nahideh Tahmasebpour, Mohammad Ali Hosseinpour Feizi, Nasrin Ziamajidi, Naser Pouladi, Vahid Montazeri, Maryam Farhadian, **Roghayeh Abbasalipourkabir**. Association of Omentin-1 with Oxidative Stress and Clinical Significances in Patients with Breast Cancer. *Advanced Pharmaceutical Bulletin*. 2020;10(1):106-113
- 70-** Fatemeh Karimimoghaddam, Reza Haji Hosseini, Nasrin Ziamajidi, **Roghayeh Abbasalipourkabir**, Alireza Nourian. The Effect of Rosa *Canina* Distilled Water on Tamoxifen-Treated Male Wistar Rats. *Pakistan Journal of Biological Sciences*. 2020;23(2):173-180
- 71-** Gholamhosseinian A, **Abbasalipourkabir R**, Ziamajidi N, Sayadi M, Sayadi K. (2020). The anti-inflammatory effect of omega-3 polyunsaturated fatty acids dramatically decreases by iron in diabetic rat's hippocampus. *Life Sciences*. 2020 Mar 15;245:117393.
- 72-** Hamid Gholami, Adeleh Divsalar, **Roghayeh Abbasalipourkabir**, Nasrin Ziamajidi, & Maryam Saeidifar. The simultaneous carrier ability of natural antioxidant of astaxanthin and chemotherapeutic drug of 5-fluorouracil by whey protein of  $\beta$ -lactoglobulin: Spectroscopic and molecular docking study. *Journal of Biomolecular Structure and Dynamics*. 2021 Feb;39(3):1004-1016
- 73-** Mahya Soheilifar, Abdolhossein Shiravi, Naser Mirazi, Vida Hojati, Roghayeh Abbasalipourkabir. Protective effect of hydroalcoholic extract of Raspberry fruit (*Rubus fruticosus* L.) on serum lipid profile in STZ-induced diabetic male rats. *Journal of Animal Environment*. 2020;12(2):61-66. (Persian).
- 74-** Aref Salehzadeh, Alireza Salehzadeh, Amir-Hossein Maghsood, Shirin Heidarisan, Masoumeh Taheri-Azandaryan, Abolfazl Ghafourikhosroshahi, **Roghayeh Abbasalipourkabir**. Effects of Vitamin A and Vitamin E on attenuation of Amphotericin B-induced side effects on Kidney and Liver of Male Wistar Rats. *Environmental Science and Pollution Research*. 2020 sep;27(26):32594-32602.
- 75-** Mahdi Bahmani, Nasrin Ziamajidi, Mohammad Hashemnia, **Roghayeh Abbasalipourkabir**, Aref Salehzadeh. Human Umbilical Cord Blood Mesenchymal Stem Cell Conditioned Medium (hMSC-CM) Improves Antioxidant Status in Carbon Tetrachloride-Induced Oxidative Damage in Rat. *Iranian Journal of Science and Technology, Transactions A: Science*. 2020 Oct;44:1327-35.
- 76-** Mahdi Bahmani, Nasrin Ziamajidi, Mohammad Hashemnia, **Roghayeh Abbasalipourkabir**. Human umbilical cord-derived mesenchymal stem cells conditioned medium ameliorates CCl<sub>4</sub>-induced liver fibrosis through regulation of expression and activity of liver lysyl oxidase. *Toxin Reviews*. 2021 Oct 2;(4):971-84.
- 77-** Nooshin Amini, Abdolhossein Shiravi, Naser Mirazi, Vida Hojati, **Roghayeh Abbasalipourkabir**. Protective effects of the fruit extract of raspberry (*Rubus fruticosus* L.) on pituitary-gonadal axis and testicular histopathology in streptozotocin induced diabetic male rats. *Avicenna Journal of Phytomedicine*. 2021 March-April 11(2):199-209
- 78-** Mahya Soheilifar, Abdolhossein Shiravi, Naser Mirazi, Vida Hojati, **Roghayeh Abbasalipourkabir**. Modulatory Effect of *Rubus fruticosus* L. on Liver Biochemical Metabolism and Inflammatory Cytokines in the Diabetic Rats. *Iranian Journal of Science and*

Technology Transaction Science. 2021 Feb;45:03-10.

**79-** Fariba Pishbin, Nasrin Ziamajidi, **Roghayeh Abbasalipourkabir**, Rezvan Najafi, Maryam Farhadian. Correlation of miR-600 with WT1 expression and its potential clinical significance in breast cancer. *Personalized Medicine*. 2021 Jan;18(1):31-42.

**80-** Afshari-Kaveh M, **Abbasalipourkabir R**, Nourian A, Ziamajidi N. The Protective Effects of Vitamins A and E on Titanium Dioxide Nanoparticles (nTiO<sub>2</sub>)-Induced Oxidative Stress in the Spleen Tissues of Male Wistar Rats. *Biological Trace Element Research*. 2021 Oct;199(10):3677-3687.

**81-** Gholamigeravand B, Shahidi S, Afshar S, Gholipour P, Samzadeh-Kermani A, Amiri K, Majidi M, **Abbasalipourkabir R**, Arabestani MR, Asl SS. Synergistic effects of adipose-derived mesenchymal stem cells and selenium nanoparticles on streptozotocin-induced memory impairment in the rat. *Life Sciences*. 2021 May 1;272:119246.

**82-** Gholamigeravand B, Shahidi S, Amiri I, Samzadeh-Kermani A, **Abbasalipourkabir R**, Asl SS. Administration of Selenium Nanoparticles Reverses Streptozotocin-Induced Neurotoxicity in the male rats. *Metabolic Brain Disease*. 2021 Aug;36(6):1259-1266.

**83-** Asl SS, Amiri I, Samzadeh-Kermani A, Abbasalipourkabir R, Gholamigeravand B, Shahidi S. Chitosan-coated Selenium nanoparticles enhance the efficiency of stem cells in the neuroprotection of streptozotocin-induced neurotoxicity in male rats. *The international journal of biochemistry & cell biology*. 2021 Dec 1;141:106089.

**84-** Lotfi F, Ziamajidi N, Abbasalipourkabir R, Goodarzi MT, Asl SS. Impacts of garlic extract on testicular oxidative stress and sperm characteristics in type 1 and 2 diabetic rats: An experimental study. *International Journal of Reproductive Biomedicine*. 2021 Oct;19(10):929.

**85-** Maryam Khajvand-Abedini, Nasrin Ziamajidi, Alireza Nourian, Mahdi Bahmani, Roghayeh Abbasalipourkabir. Iron Reduces the Anti-Inflammatory Effect of Omega-3 Polyunsaturated Fatty Acids on the Heart of STZ- and HFD-Induced Diabetic Rats. *Gene Reports*. 2021 Jun 1;23:101079.

**86-** Khanvirdiloo S, Ziamajidi N, Moradi A, Ghasemi H, Ghafourikhosroshahi A, Bahmanzadeh M, Ghadiri M, Abbasalipourkabir R. Effects of vitamins A and E on TiO<sub>2</sub> nanoparticles-induced spermatogenesis defects in male Wistar rats. *Iranian Journal of Science and Technology, Transactions A: Science*. 2021 Aug;45(4):1191-200.

**87-** Zahra Arab Sadeghabadi, **Roghayeh Abbasalipourkabir**, Roohollah Mohseni & Nasrin Ziamajidi. Chicoric acid does not restore palmitate-induced decrease in irisin levels in PBMCs of newly diagnosed patients with T2D and healthy subjects, *Archives of Physiology and Biochemistry*. 2022 Mar 4;128(2):532-8.

**88-** Aminzadeh Z, Ziamajidi N, **Abbasalipourkabir R**. Anticancer Effects of Cinnamaldehyde through Inhibition of ErbB2/HSF1/LDHA Pathway in 5637 Cell Line of Bladder Cancer. *Anti-cancer Agents in Medicinal Chemistry*. 2022 Apr 1;22(6):1139-1148.

- 89-** Daei S, Ziamajidi N, **Abbasalipourkabir R**, Khanaki K, Bahreini F. Anticancer Effects of Gold Nanoparticles by Inducing Apoptosis in Bladder Cancer 5637 Cells. *Biological Trace Element Research*. 2022 Jun;200(6):2673-2683.
- 90-** Sadeghabadi ZA, Lotfi F, Moheb SS, **Abbasalipourkabir R**, Goodarzi MT, Ziamajidi N. Effects of garlic extract on inflammatory cytokines in rats with type 1 and type 2 diabetes. *Gene Reports*. 2022 Mar 1;26:101474.
- 91-** - Masouod Khanaghaei, Nasrin Ziamajidi, Jalal Poorolajal, Gholamreza Asadikaram, Payam Nikoyan, Mohammadhosein Bajian, **Roghayeh Abbasalipourkabir**. The influence of gastric bypass surgery on the concentration of high mobility group box 1, nuclear factor erythroid 2–related factor 2 and the genes expression of high mobility group box 1, nuclear factor erythroid2–related factor 2, interleukin 6, and tumor necrosis factor-alpha in the peripheral blood mononuclear cells of patients with morbid obesity. *Molecular Biology Reports*. 2022 May;49(5):3745-3755
- 92-** Maddah A, Ziamajidi N, Khosravi H, Danesh H, **Abbasalipourkabir R**. Gold nanoparticles induce apoptosis in HCT-116 colon cancer cell line. *Molecular Biology Reports*. 2022 Aug;49(8):7863-7871.
- 93-** Basir HR, Karbasi A, Ravan AP, **Abbasalipourkabir R**, Bahmani M. Is human umbilical cord mesenchymal stem cell-derived conditioned medium effective against oxidative and inflammatory status in CCl4-induced acute liver injury? *Life Sciences*. 2022 Sep 15;305:120730.
- 94-** Mandana Shirdare; Fatemeh Jabbari; Maryam Salehzadeh; Nasrin Ziamajidi; Alireza Nourian; Shirin Heidarisan; Azar Ghavimishamekh; Masoumeh Taheri Azandariani; **Roghayeh Abbasalipourkabir**. Curcuma reduces kidney and liver damage induced by titanium dioxide nanoparticles in male Wistar rats. *Avicenna Journal of Phytomedicine*. 2022 Sep;12(5):537.
- 95-** Masouod Khanaghaei, Nasrin Ziamajidi<sup>1</sup>, Jalal Poorolajal, Gholamreza Asadikaram, Payam Nikoyan, **Roghayeh Abbasalipourkabir**. Effect of gastric bypass surgery on the oxidative stress status in morbidly obese patients. *Indian Journal of surgery*. 2022.
- 96-** Mohammad Jamshidi, Nasrin Ziamajidi, **Roghayeh Abbasalipourkabir**, Iraj Khodadadi, Mohammadreza Moradi, Arash Dehghan, Giti Kalantarian. Study the effect of insulin-loaded trimethylchitosan nanoparticles on HepG2 cell line. *Gene Reports*. 2022 Jul 14:1-8.
- 97-** Zeynab Aminzadeh, Nasrin Ziamajidi, **Roghayeh Abbasalipourkabir**, Sajedah Daei, Sobhan Helbi, and Abbas Moridnia. Antitumor Activities of Aqueous Cinnamon Extract on 5637 Cell Line of Bladder Cancer through Glycolytic Pathway. *International Journal of Inflammation*. 2022;2022(1):3855368.
- 98-** Daei S, **Abbasalipourkabir R**, Khanaki K, Bahreini F, Ziamajidi N. Effects of gold nanoparticles on oxidative stress status in bladder cancer 5637 cells. *Folia Medica*. 2022 Aug 31;64(4):641-648.

- 99-** Hiva Danesh, Nasrin Ziamajidi, Seyed Alireza Mesbah-Namin, Nahid Nafisi, Roghayeh **Abbasalipourkabir**. Association between oxidative stress parameters and hematological indices in breast cancer patients. 2022. International Journal of breast cancer.
- 100-** Barartabar Z, Moini N, **Abbasalipourkabir R**, Mesbah-Namin SA, Ziamajidi N. Assessment of Tissue Oxidative Stress, Antioxidant Parameters, and Zinc and Copper Levels in Patients with Breast Cancer. Biological Trace Element Research. 2022;2022(1):1459410.
- 101-** Maryam Khajvand-Abedini, Mahdi Bahmani, Nasrin Ziamajidi, Alireza Nourian, Parisa Habibi, Shirin Heidarisan, Roghayeh Abbasalipourkabir. The Restoring Effect of Human Umbilical Cord-Derived Mesenchymal Cell-Conditioned Medium (hMSC-CM) against Carbon Tetrachloride-Induced Pulmonary Fibrosis in Male Wistar Rats. International Journal of Inflammation. 2022;2022(1):7179766.
- 102-** Daei S, Ziamajidi N, Abbasalipourkabir R, Aminzadeh Z, Vahabirad M. Silver Nanoparticles Exert Apoptotic Activity in Bladder Cancer 5637 Cells Through Alteration of Bax/Bcl-2 Genes Expression. Chonnam Medical Journal. 2022 Sep;58(3):102-109.
- 103-** Bayat M, Daei S, Ziamajidi N, **Abbasalipourkabir R**, Nourian A. The protective effects of vitamins A, C, and E on zinc oxide nanoparticles (ZnO NPs)-induced liver oxidative stress in male Wistar rats. Drug Chem Toxicol. 2023 Mar;46(2):209-218.
- 104-** Sajedah Daei, Roghayeh Abbasalipourkabir, Maryam Khajvand-Abedini, Nasrin Ziamajidi. The Alleviative Efficacy of Vitamins A, C, and E Against Zinc Oxide Nanoparticles-Induced Hepatic Damage by Reducing Apoptosis in Rats. Biol Trace Elem Res. 2023 Mar;201(3):1252-1260.
- 105-** Pishbin F, Ziamajidi N, Abbasalipourkabir R, Najafi R, Farhadian M. Correlation of Wilms' Tumor 1 (WT1) with Oxidative Stress Markers and Expression of miR-361-5p; New Aspect of WT1 in Breast Cancer. Indian Journal of Clinical Biochemistry. 2023 Jul;38(3):338-350
- 106-** Mohammad Mohammadi, **Roghayeh Abbasalipourkabir** and Nasrin Ziamajidi. Fish oil and chicoric acid combination protects better against palmitate-induced lipid accumulation via regulating AMPK-mediated SREBP-1/FAS and PPAR $\alpha$ /UCP2 pathways. Archives of physiology and Biochemistry. 2023 Feb;129(1):1-9
- 107-** Danesh H, Anbiaei R, Ziamajidi N, Farhadian M, Barartabar Z, **Abbasalipourkabir R**. Association between Metabolic Syndrome Risk Factors and Immunohistochemical Profile in Women with Breast Cancer. Iranian Journal of Medical Sciences. 2023 Sep;48(5):456-464.
- 108-** Maddah A, Danesh H, Ghasemi P, Ziamajidi N, Salehzadeh M, **Abbasalipourkabir R**. The Effect of Titanium Dioxide (TiO<sub>2</sub>) Nanoparticles on Oxidative Stress Status in the HCT116 Human Colon Cancer Cell Line. BioNanoScience. 2023 Jun;13(2):600-8.
- 109-** Mollabashi V, Soleymani M, Arabestani MR, Farhadian M, **Abbasalipourkabir R**, Salehzadeh M. Evaluation of Nano TiO<sub>2</sub> Modified Orthodontic Composite Effects on S. mutans Population and Enamel Demineralization in Fixed Orthodontic Patients; a Split

Mouth Randomized Controlled Clinical Trial. *Biological Trace Element Research*. 2023 Oct;201(10):4657-4666.

**110-** Ziamajidi N, Daei S, Khajvand-Abedini M, **Abbasalipourkabir R**, Nourian A. Vitamins A, C, and E Exert Anti-Apoptotic Function in the Testis of Rats After Exposure to Zinc Oxide Nanoparticles. *Chonnam Medical Journal*. 2023 Jan;59(1):48-53.

**111-** Barartabar Z, Moini N, **Abbasalipourkabir R**, Mesbah-Namin SA, Ziamajidi N. Investigation of miR-133a, miR-637 and miR-944 genes expression and their relationship with PI3K/AKT signaling in women with breast cancer. *Journal of Cancer Research and Clinical Oncology*. 2023 Aug;149(9):6115-6129.

**112-** Daei S, Ziamajidi N, **Abbasalipourkabir R**, Aminzadeh Z, Vahabirad M. Evaluating Oxidative Stress Condition in Human Bladder Cancer 5637 Cell Line upon Exposure to Silver Nanoparticles. *Middle East Journal of Cancer*. 2023 Jul 1;14(3):370-7.

**113-** Ziamajidi N, Khajvand-Abedini M, Daei S, **Abbasalipourkabir R**, Nourian A. Ameliorative Effects of Vitamins A, C, and E on Sperm Parameters, Testis Histopathology, and Oxidative Stress Status in Zinc Oxide Nanoparticle-Treated Rats. *BioMed Research International*. 2023 Jan 17;2023:4371611.

**114-** Ghasemi P, Shafiee G, Ziamajidi N, **Abbasalipourkabir R**. Copper nanoparticles induce apoptosis and oxidative stress in Sw480 human colon cancer cell line. *Biological Trace Element Research*. 2023 Aug;201(8):3746-3754.

**115-** Maddah A, Danesh H, Ziamajidi N, Khosravi H, **Abbasalipourkabir R**. Oxidative Stress Induction by Gold Nanoparticles in HCT-116 Colon Cancer Cells. *Comprehensive Health and Biomedical Studies*. 2023;2(1).

**116-** Ekhlasian A, Eftekhari E, Daei S, Abbasalipourkabir R, Nourian A, Ziamajidi N. The antioxidant and anti-apoptotic properties of vitamins A, C and E in heart tissue of rats exposed to zinc oxide nanoparticles. *Molecular Biology Reports*. 2023;50(3):2357-2365.

**117-** Tehrani MH, Ziamajidi N, **Abbasalipourkabir R**, Barartabar Z, Aslani S. Exploring the potential of AgNPs in modulating the PI3K/AKT/mTOR pathway via miR-133a regulation in MCF-7 breast cancer cells. *Nanomedicine Journal*. 2024 Jan 1;11(1).

**118-** Shima Kianmehr, Maryam Salehzadeh, Nasrin Ziamajidi, Abolfazl Ghafourikhosroshahi, **Roghayeh Abbasalipourkabir**. Effects of Vitamins A and E on Improving Testes Damage of Male Wistar Rat Induced by Titanium Dioxide Nanoparticles. *Journal of Biological Regulators and Homeostatic Agents*. 2024 Feb 1;38(2):1115-1126.

**119-** Noorin SS, **Abbasalipourkabir R**, Ziamajidi N, Nourian A, Bahmani M. Protective Effect of Vitamins A, E, and C on the Zinc Oxide Nanoparticles Induced Oxidative Stress Status in Kidney of Male Wistar Rats. *BioNanoScience*. 2024 Feb 12:1-2.

**120-** Vahabirad M, Daei S, **Abbasalipourkabir R**, Ziamajidi N. Anticancer Action of Silver Nanoparticles in SKBR3 Breast Cancer Cells through Promotion of Oxidative Stress and Apoptosis. *Bio Med Research International*. 2024 Feb 19;2024:7145339.

**121-** Mohammadjavad Hossein-Tehrani, **Roghayeh Abbasalipourkabir**, Nasrin Ziamajidi. The role of miR-133a in silibinin-mediated inhibition of the PI3K/AKT/mTOR pathway in MCF-7 breast carcinoma cells. *Molecular Biology research communications*. 2024;13(2):79-83

**122-** Amini MA, Khodadadi I, Tavilani H, **Abbasalipourkabir R**, Azizi M, Rashidi K, Samadian H, Karimi J. Fabrication, characterization, and application of gelatin/alginate-based hydrogels incorporating selenium-doped deferoxamine-derived carbon quantum dots: In vitro and in vivo studies. *International Journal of Biological Macromolecules*. 2025 Feb 3:140569.

**123-** Kalantary-Charvadeh A, Morovat S, Aslani S, Ziamajidi N, Emami Razavi A, **Abbasalipourkabir R**. The role of long non-coding RNA LINC00839 in oral squamous cell carcinoma based on bioinformatics and experimental research. *Scientific Reports*. 2024 Dec 30;14(1):31817.

**124-** Ghasemi P, Maddah A, Salehzadeh A, Ziamajidi N, Kalantary-Charvadeh A, **Abbasalipourkabir R**, Salehzadeh M. Study of Oxidative Stress and Apoptotic Genes in SW480 Cell Lines Treated with Selenium Nanoparticles. *Journal of Reports in Pharmaceutical Sciences*. 2025;13(1).

#### **BOOKS:**

**1- Pourkabirrah, R.** and Goodarzi, MT. (2005) "Acute Phase Protein" Hamadan University of Medical Sciences publication

**2- Pourkabirrah, R.** and Shaikh, N. (2005) "Biochemical Mechanisms of Blood Coagulation" Hamadan University of Medical Sciences publication, (Persian).

**3- Sheikh, N** and **Pourkabirrah, R.** (2007) "Biochemical Laboratory" Hamadan University of Medical Sciences publication, (Persian).

**4- Abbasalipourkabir, R.** Salehzadeh, A. and Rasedee Abdullah. (2012) "Cytotoxicity of Tamoxifen-Loaded Solid Lipid Nanoparticles" in "The Delivery of Nanoparticles". First published by INTHEC, printed in Croatia.

**5- Abbasalipourkabir, R.** Salehzadeh, A. and Rasedee Abdullah. (2014). "Nano Colloidal Systems as Antitumor Drug Delivery Systems" in "HANDBOOK OF FUNCTIONAL NANOMATERIALS". First published by NOVA publishers, printed in New York.