# *Curriculum vitae*

## Dr. Salar Bakhtiyari, PhD

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Professor (Full)
Department of Clinical Biochemistry
Faculty of Medicine, Ilam University of Medical Sciences, Ilam, Iran.
E-mail: bakhtiyari-s@medilam.ac.ir ;
bakhtiyaribio@gmail.com
Tel/fax: +98 84 32235727

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## Personal Information:

**Gender:** Male

**Date of Birth:** Jan. 17th, 1980

**Marital Status:** Married

**Nationality:** Iranian

## Educational Records:

1. PhD, 2010, Clinical Biochemistry, Tarbiat Modares University, Tehran, Iran.

2. MSc, 2004, Clinical Biochemistry, Tarbiat Modares University, Tehran, Iran.

3. BSc, 2001, Biology, Razi University, Kermanshah, Iran.

# Education

## Courses taken include:

Biochemistry of Biological Fluids

Biochemistry of Hormones

Trace elements

Kidney's physiology

Enzymology

Immunochemistry

Immunology

Metabolism

Molecular genetics

Biochemistry of Cancers

Inborn Metabolic Disorders

Biochemistry of Membrane

Clinical Biochemistry

Human Physiology

Neurochemistry

Toxicology

Molecular Biology

# Work History:

## Courses taught:

General Biochemistry

Enzymology

Molecular and Cellular Biology

Metabolism

Clinical Biochemistry

Quality control in medical laboratory

Hormones

**Honors and Awards:**

1. Ranked 595th among 550000 participants in the Nationwide University entrance exam, summer 1998.

2. Ranked 3rd among Biology students during the BSc period, July 2002.

3. Ranked 2nd among 1100 participants in the nationwide Clinical Biochemistry MSc entrance exam.

4. Ranked 2nd among 122 participants in the Clinical Biochemistry PhD entrance exam. July 2005.

5. Ranked 2nd among Clinical Biochemistry students during the PhD period, September 2010.

6. Top Researcher, Faculty of Medicine (2010), Ilam University of Medical Sciences, Iran.

7. Top Researcher, Faculty of Medicine (2011), Ilam University of Medical Sciences, Iran.

8. Top Researcher, Faculty of Medicine (2012), Ilam University of Medical Sciences, Iran.

9- Top Researcher of Ilam University of Medical Sciences (2015), Iran.

10- Top Researcher of Ilam University of Medical Sciences (2019), Iran.

**Academic Experiences:**

Researcher from 2002 to 2010: Dept. of Clinical Biochemistry, School of Medical Sciences,

Tarbiat Modares Univ., Tehran, Iran. Lecturer and researcher since 2010: Dept. of Clinical Biochemistry, School of Medicine, Ilam University of Medical sciences, Ilam, Iran.

**Membership of Scientific Societies and Journals:**

- Biochemical Society of Iran
- Board member of Clinical Biochemistry, Ministry of Health and Medical Education of Iran
- Editorial board member of "*Current Diabetes Review*" journal
- Editorial board member of "*Current Molecular Medicine*" journal

**Professional Experiences:**

1. Cell culture
2. DNA and RNA extraction
3. Gene delivery
4. Gene silencing using RNAi
5. PCR and RT-PCR
6. PCR-RFLP

7. Cloning 8. Protein overexpression

9. Site-directed mutagenesis 10. SDS-PAGE

11. Western blotting 12. Monoclonal Antibody Generation

13. Lipid extraction and analysis 14. Enzyme assay

15. EMSA (Electrophoretic Mobility Shift Assay)

## Research Interests:

Molecular signaling of insulin

Molecular mechanism of insulin resistance and type 2 diabetes

Gene expression analyses in Insulin resistance and type 2 diabetes

Molecular mechanism of lipid-induced insulin resistance

Gene therapy for insulin resistance and type 2 diabetes

Gene delivery and gene silencing

**Computer Skills:**

**General softwares**: Power Point, Word, Excel, Photoshop, Internet

**Specialized softwares:** Gene Runner, Mandel, Phase, Oligo 7, SPSS, …

## Books:

## A) Translated Books (To Persian)

1. Henry's Clinical Diagnosis and Management by Laboratory Methods, 2015

2. Stryer's Biochemistry, 2015.

3. Harper's Biochemistry, 2018.

4. Metabolic regulation in mammals, 2000.

5. Understanding Enzyme, 1998.

## B) Authored Books

1. Set of multiple choice questions for Enzymology, 2008.

## Patent and Patent Applications:

1. Meshkani R, **Bakhtiyari S**, Vakili S. Genearation of PTP-1B stable knockdown C2C12 skelatal muscle cells using shRNA. Iran Patent No. 390020840, May 17, 2011.

**Research Publications:**

1. Abbasi M, Noori-Zadeh A, Seidkhani-Nahal A, Kaffashian M, Bakhtiyari S, Panahi S. Leptin, adiponectin, and resistin blood

adipokine levels in migraineurs: Systematic reviews and meta-analyses. Cephalalgia. 2019;39(8):1010-21.

2. Alipourfard I, Bakhtiyari S, Gheysarzadeh A, Di Renzo L, De Lorenzo A, Mikeladze D, et al. The key role of Akt protein kinase in metabolic-inflammatory pathways cross-talk: TNF-alpha down-regulation and improving of insulin resistance in HepG2 cell line. Curr Mol Med. 2020.

3. Alipourfard I, Datukishvili N, Bakhtiyari S, Haghani K, Di Renzo L, de Miranda RC, et al. MIG1 Glucose Repression in Metabolic Processes of Saccharomyces cerevisiae: Genetics to Metabolic Engineering. Avicenna J Med Biotechnol. 2019;11(3):215-20.

4. Azizi M, Abbasi N, Mohamadpour M, Bakhtiyari S, Asadi S, Shirzadpour E, et al. Investigating the effect of Crocus sativus L. petal hydroalcoholic extract on inflammatory and enzymatic indices resulting from alcohol use in kidney and liver of male rats. J Inflamm Res. 2019;12:269-83.

5. Bakhtiyari A, Haghani K, Bakhtiyari S, Zaimy MA, Noori-Zadeh A, Gheysarzadeh A, et al. Association between ABCC8 Ala1369Ser Polymorphism (rs757110 T/G) and Type 2 Diabetes risk

in an Iranian population: A Case-Control Study. Endocr Metab Immune Disord Drug Targets. 2020.

6. Bakhtiyari S, Zaherara M, Haghani K, Khatami M, Rashidinejad A. The Phosphorylation of IRS1(S307) and Akt(S473) Molecules in Insulin-Resistant C2C12 Cells Induced with Palmitate Is Influenced by Epigallocatechin Gallate from Green Tea. Lipids. 2019;54(2-3):141-8.

7. Darabi S, Noori-Zadeh A, Abbaszadeh HA, Rajaei F, Bakhtiyari S. Trehalose Neuroprotective Effects on the Substantia Nigra Dopaminergic Cells by Activating Autophagy and Non-canonical Nrf2 Pathways. Iran J Pharm Res. 2019;18(3):1419-28.

8. Darabi S, Noori-Zadeh A, Rajaei F, Abbaszadeh HA, Bakhtiyari S, Roozbahany NA. SMER28 Attenuates Dopaminergic Toxicity Mediated by 6-Hydroxydopamine in the Rats via Modulating Oxidative Burdens and Autophagy-Related Parameters. Neurochem Res. 2018;43(12):2313-23.

9. Karami M, Aleagha MSE, Seidkhani-Nahal A, Bakhtiyari S, Noori-Zadeh A, Harirchian MH, et al. C/EBP homologous protein investigation in the serum and cerebro-spinal fluid of relapsing-remitting multiple sclerosis patients. J Clin Neurosci. 2019;59:51-4.

10. Maleki F, Sadeghifard N, Hosseini HM, Bakhtiyari S, Goleij Z, Behzadi E, et al. Growth-inhibitory effects of TGFalphaL3-SEB chimeric protein on colon cancer cell line. Biomed Pharmacother. 2019;110:190-6.

11. Maleki F, Sadeghifard N, Sedighian H, Bakhtiyari S, Hosseini HM, Fooladi AAI. TGFalphaL3-SEB fusion protein as an anticancer against ovarian cancer. Eur J Pharmacol. 2020;870:172919.

12. Mofid MR, Gheysarzadeh A, Bakhtiyari S. Insulin-like growth factor binding protein 3 chemosensitizes pancreatic ductal adenocarcinoma through its death receptor. Pancreatology. 2020.

13. Noori-Zadeh A, Bakhtiyari S. Reply to comments on: Elevated blood apelin levels in type 2 diabetes mellitus: A systematic review and meta-analysis. Diabetes Res Clin Pract. 2019;152:185.

14. Noori-Zadeh A, Bakhtiyari S, Khanjari S, Haghani K, Darabi S. Elevated blood apelin levels in type 2 diabetes mellitus: A systematic review and meta-analysis. Diabetes Res Clin Pract. 2019;148:43-53.

15. Noori-Zadeh A, Bakhtiyari S, Khooz R, Haghani K, Darabi S. Intra-articular ozone therapy efficiently attenuates pain in knee osteoarthritic subjects: A systematic review and meta-analysis. Complement Ther Med. 2019;42:240-7.

16. Rezaei S, Bakhtiyari S, Assadollahi K, Heidarizadi S, Moayeri A, Azizi M. Evaluating Chondroitin Sulfate and Dermatan Sulfate Expression in Glial Scar to Determine Appropriate Intervention Time in Rats. Basic Clin Neurosci. 2020;11(1):31-40.

17. Seidkhani-Nahal A, Noori-Zadeh A, Bakhtiyari S, Khosravi A. Frequency of CD8(+) regulatory T cells in the multiple sclerosis patients: a systematic review and meta-analysis. Acta Neurol Belg. 2019;119(1):61-8.

18. Varmazyar R, Noori-Zadeh A, Abbaszadeh HA, Hamidabadi HG, Rajaei F, Darabi S, et al. Neural stem cells neuroprotection by simvastatin via autophagy induction and apoptosis inhibition. Bratisl Lek Listy. 2019;120(10):744-51.

19. Varmazyar R, Noori-Zadeh A, Rajaei F, Darabi S, Bakhtiyari S. 17 beta-Estradiol Oxidative Stress Attenuation and Autophagy-Induced Dopaminergic Neuroprotection. Cell J. 2019;21(1):1-6.

20. Abdanipour A, Noori-Zadeh A, Mesbah-Namin SA, Bakhtiyari S, Nejatbakhsh R, Anarkooli IJ. Di-(2-ethylhexyl) Phthalate-Induced Hippocampus-Derived Neural Stem Cells Proliferation. Cell J. 2017;19(1):166-72.

21. Alipourfard I, Bakhtiyari S, Datukishvili N, Haghani K, Di Renzo L, De Miranda RC, et al. Saccharomyces cerevisiae, key role of MIG1 gene in metabolic switching: putative fermentation/oxidation. J Biol Regul Homeost Agents. 2018;32(3):649-54.

22. Arshadi S, Azarbayjani MA, Hajaghaalipor F, Yusof A, Peeri M, Bakhtiyari S, et al. Evaluation of Trigonella foenum-graecum extract in combination with swimming exercise compared to glibenclamide consumption on type 2 Diabetic rodents. Food Nutr Res. 2015;59:29717.

23. Arshadi S, Bakhtiyari S, Haghani K, Valizadeh A. Effects of Fenugreek Seed Extract and Swimming Endurance Training on Plasma Glucose and Cardiac Antioxidant Enzymes Activity in Streptozotocin-induced Diabetic Rats. Osong Public Health Res Perspect. 2015;6(2):87-93.

24. Bakhtiyari SS, Karbasi S, Monshi A, Montazeri M. Evaluation of the effects of nano-TiO2 on bioactivity and mechanical properties of nano bioglass-P3HB composite scaffold for bone tissue engineering. J Mater Sci Mater Med. 2016;27(1):2.

25. Golshani H, Haghani K, Dousti M, Bakhtiyari S. Association of TNF-alpha 308 G/A Polymorphism With Type 2 Diabetes: A Case-

Control Study in the Iranian Kurdish Ethnic Group. Osong Public Health Res Perspect. 2015;6(2):94-9.

26. Haghani K, Bakhtiyari S, Doost Mohammadpour J. Alterations in Plasma Glucose and Cardiac Antioxidant Enzymes Activity in Streptozotocin-Induced Diabetic Rats: Effects of Trigonella foenum-graecum Extract and Swimming Training. Can J Diabetes. 2016;40(2):135-42.

27. Haghani K, Pashaei S, Vakili S, Taheripak G, Bakhtiyari S. TNF-alpha knockdown alleviates palmitate-induced insulin resistance in C2C12 skeletal muscle cells. Biochem Biophys Res Commun. 2015;460(4):977-82.

28. Hosseinkhani M, Mehrabani D, Karimfar MH, Bakhtiyari S, Manafi A, Shirazi R. Tissue engineered scaffolds in regenerative medicine. World J Plast Surg. 2014;3(1):3-7.

29. Karimfar MH, Haghani K, Babakhani A, Bakhtiyari S. Rosiglitazone, but not epigallocatechin-3-gallate, attenuates the decrease in PGC-1alpha protein levels in palmitate-induced insulin-resistant C2C12 cells. Lipids. 2015;50(6):521-8.

30. Karimfar MH, Niazvand F, Haghani K, Ghafourian S, Shirazi R, Bakhtiyari S. The protective effects of melatonin against

cryopreservation-induced oxidative stress in human sperm. Int J Immunopathol Pharmacol. 2015;28(1):69-76.

31. Karimfar MH, Rostami S, Haghani K, Bakhtiyari S, Noori-Zadeh A. Melatonin Alleviates Bleomycin-Induced Pulmonary Fibrosis in Mice. J Biol Regul Homeost Agents. 2015;29(2):327-34.

32. Mahami Oskouei M, Fallah E, Ahmadi M, Safaiyan A, Bakhtiyari S, Naserifar R, et al. Molecular and parasitological study of cryptosporidium isolates from cattle in ilam, west of iran. Iran J Parasitol. 2014;9(3):435-40.

33. Mahdieh N, Mahmoudi H, Ahmadzadeh S, Bakhtiyari S. GJB2 mutations in deaf population of Ilam (Western Iran): a different pattern of mutation distribution. Eur Arch Otorhinolaryngol. 2016;273(5):1161-5.

34. Maleki F, Abdi S, Davodian E, Haghani K, Bakhtiyari S. Exposure of Infants to Aflatoxin M1 from Mother's Breast Milk in Ilam, Western Iran. Osong Public Health Res Perspect. 2015;6(5):283-7.

35. Meshkani R, Sadeghi A, Taheripak G, Zarghooni M, Gerayesh-Nejad S, Bakhtiyari S. Rosiglitazone, a PPARgamma agonist,

ameliorates palmitate-induced insulin resistance and apoptosis in skeletal muscle cells. Cell Biochem Funct. 2014;32(8):683-91.

36. Noori-Zadeh A, Mesbah-Namin SA, Bistoon-Beigloo S, Bakhtiyari S, Abbaszadeh HA, Darabi S, et al. Regulatory T cell number in multiple sclerosis patients: A meta-analysis. Mult Scler Relat Disord. 2016;5:73-6.

37. Shokouhi S, Bray S, Bakhtiyari S, Sayehmiri K, Alimoghadam K, Ghavamzadeh A. Effects of aGVHD and cGVHD on Survival Rate in Patients with Acute Myeloid Leukemia after Allogeneic Stem Cell Transplantation. Int J Hematol Oncol Stem Cell Res. 2015;9(3):112-21.

38. Shokouhi S, Haghani K, Borji P, Bakhtiyari S. Association between PGC-1alpha gene polymorphisms and type 2 diabetes risk: a case-control study of an Iranian population. Can J Diabetes. 2015;39(1):65-72.

39. Yadollah S, Kazemipour N, Bakhtiyari S, Nazifi S. Palmitate-induced insulin resistance is attenuated by Pioglitazone and EGCG through reducing the gluconeogenic key enzymes expression in HepG2 cells. J Med Life. 2017;10(4):244-9.

40. Alidoosti M, Ghaedi M, Soleimani A, Bakhtiyari S, Rezvanfard M, Golkhu S, et al. Study on the role of environmental parameters and HIF-1A gene polymorphism in coronary collateral formation among patients with ischemic heart disease. Clin Biochem. 2011;44(17-18):1421-4.

41. Bakhtiyari S, Haghani K, Basati G, Karimfar MH. siRNA therapeutics in the treatment of diseases. Ther Deliv. 2013;4(1):45-57.

42. Bakhtiyari S, Haghani K, Farhadi E, Soukhtanloo M, Rezaei N, Taghikhani M. A novel monoclonal antibody against A60 antigen of Mycobacterium bovis Bacillus Calmette-Guerin. Hybridoma (Larchmt). 2010;29(3):211-5.

43. Bakhtiyari S, Meshkani R, Taghikhani M, Larijani B, Adeli K. Protein tyrosine phosphatase-1B (PTP-1B) knockdown improves palmitate-induced insulin resistance in C2C12 skeletal muscle cells. Lipids. 2010;45(3):237-44.

44. Dousti M, Abdi J, Bakhtiyari S, Mohebali M, Mirhendi S, Rokni M. Genotyping of Hydatid Cyst Isolated from Human and Domestic Animals in Ilam Province, Western Iran Using PCR-RFLP. Iran J Parasitol. 2013;8(1):47-52.

45. Gorgani-Firuzjaee S, Bakhtiyari S, Golestani A, Meshkani R. Leukocyte antigen-related inhibition attenuates palmitate-induced insulin resistance in muscle cells. J Endocrinol. 2012;215(1):71-7.

46. Haghani K, Bakhtiyari S. The study on the relationship between IRS-1 Gly972Arg and IRS-2 Gly1057Asp polymorphisms and type 2 diabetes in the Kurdish ethnic group in West Iran. Genet Test Mol Biomarkers. 2012;16(11):1270-6.

47. Haghani K, Bakhtiyari S, Nouri AM. In vitro study of the differentiation of bone marrow stromal cells into cardiomyocyte-like cells. Mol Cell Biochem. 2012;361(1-2):315-20.

48. Haghani K, Khajeh K, Salmanian AH, Ranjbar B, Bakhtiyari S. Acid-induced formation of molten globule states in the wild type Escherichia coli 5-enolpyruvylshikimate 3-phosphate synthase and its three mutated forms: G96A, A183T and G96A/A183T. Protein J. 2011;30(2):132-7.

49. Maleki F, Haghani K, Shokouhi S, Mahmoodi K, Sayehmiri K, Mahdieh N, et al. A case-control study on the association of common variants of CAPN10 gene and the risk of type 2 diabetes in an Iranian population. Clin Lab. 2014;60(4):663-70.

50. Mousavi H, Bakhtiyari S. Hypopituitarism in a neonate with hyperbilirubinemia and decreased level of consciousness: a case report study. Acta Med Iran. 2014;52(1):82-4.

51. Parvaneh L, Meshkani R, Bakhtiyari S, Mohammadtaghvaie N, Gorganifiruzjaee S, Taheripak G, et al. Palmitate and inflammatory state additively induce the expression of PTP1B in muscle cells. Biochem Biophys Res Commun. 2010;396(2):467-71.

52. Saberi H, Mohammadtaghvaei N, Gulkho S, Bakhtiyari S, Mohammadi M, Hanachi P, et al. The ENPP1 K121Q polymorphism is not associated with type 2 diabetes and related metabolic traits in an Iranian population. Mol Cell Biochem. 2011;350(1-2):113-8.

53. Sayehmiri K, Carson KV, Bakhtiyari S, Shokouhi S, Alimoghadam K. Effects of aGVHD and cGVHD according to relapse status on survival rate in patients with acute lymphocytic leukemia. Hematology. 2014;19(8):441-7.

54. Shokouhi S, Delpisheh A, Haghani K, Mahdizadeh M, Bakhtiyari S. Association of rs7903146, rs12255372, and rs290487 polymorphisms in TCF7L2 gene with type 2 diabetes in an Iranian Kurdish ethnic group. Clin Lab. 2014;60(8):1269-76.

55. Taheripak G, Bakhtiyari S, Rajabibazl M, Pasalar P, Meshkani R. Protein tyrosine phosphatase 1B inhibition ameliorates palmitate-induced mitochondrial dysfunction and apoptosis in skeletal muscle cells. Free Radic Biol Med. 2013;65:1435-46.

56. Ashoori MR, Rahmati-Yamchi M, Ostadrahimi A, Pahlavan-Gharebaba R, Mobasseri M, Bakhtiyari S, et al. Apelin-13 serum levels in type 2 diabetic obese women: possible relations with microRNAs-107 and 375. Turkish Journal of Biochemistry-Turk Biyokimya Dergisi. 2019;44(5):667-75.

57. Golmohammadi Z, Noori-Zadeh A, Rajaei F, Darabi L, Hamidabadi HG, Abbaszadeh HA, et al. Investigation of Autophagy-Related Gene Expressions in the Rat Model of Parkinson Disease. Crescent Journal of Medical and Biological Sciences. 2018;5(4):285-91.

58. Fadaei B, Asadi P, Alivaisi E, Khajeniazi S, Hadi P, Parshang S, et al. Study of lipid profiles in the serum of cardiovascular patients suffering from diabetes. Biomedical Research-India. 2017;28(8):3397-401.

59. Taran M, Bagheri S, Bakhtiyari S. Eco-Friendly Poly(3-hydroxybutyrate) Synthesis from Textile Wastewater and Its Process

Optimization. Polish Journal of Environmental Studies. 2012;21(5):1413-6.

60. Taran M, Bakhtiyari S. Optimization of single-cell protein production from textile effluent at extreme conditions. Toxicological and Environmental Chemistry. 2013;95(1):110-7.

61. Taran M, Mohamadian E, Asadi S, Bakhtiyari S. Surface active agent production from olive oil in high salt conditions and its process optimization. Polish Journal of Chemical Technology. 2012;14(4):30-4.

62. Taran M, Safari M, Monaza A, Reza JZ, Bakhtiyari S. Optimal conditions for the biological removal of arsenic by a novel halophilic archaea in different conditions and its process optimization. Polish Journal of Chemical Technology. 2013;15(2):7-9.

63. Gorgani S, Meshkani R, Bakhtiari S. Leukocyte antigen-related (LAR) knockdown improves palmitate induced insulin resistance in C2C12 muscle cells. Clinical Biochemistry. 2011;44(13):S277-S.

64. Sadeghi A, Parvaneh L, Taghvaei N, Bakhtiari S, Nasimian A, Vakili S, et al. Rosiglitazone effect on palmitate-induced insulin resistance is independent of PTP1B expression. Clinical Biochemistry. 2011;44(13):S3-S4.

65. Taheripak G, Bakhtiari S, Rajabibazl M, Pasalar P, Meshkani R. PTP1B knockdown prevents palmitate-induced apoptosis in mouse skeletal muscle cells. Clinical Biochemistry. 2011;44(13):S289-S.

66. Haghani K, Asadi P, Taheripak G, Noori-Zadeh A, Darabi S, Bakhtiyari S. Association of mitochondrial dysfunction and lipid metabolism with type 2 diabetes mellitus: A review of literature. Frontiers in Biology. 2018;13(6):406-17.

67. Nasrolahi A, Mahmoudi J, Noori-Zadeh A, Haghani K, Bakhtiyari S, Darabi S. Shared Pathological Mechanisms Between Diabetes Mellitus and Neurodegenerative Diseases. Current Pharmacology Reports. 2019;5(4):219-31.

68. Hadi P, Haghani K, Noori-Zadeh A, Bakhtiyari S. Prevalence of fragile X syndrome among patients with mental retardation in the west of Iran. Frontiers in Biology. 2018;13(6):464-8.

69. Yousefi MR, Bakhtiyari S, Valizadeh A. Reviewing and comparing the impact of aerobic exercise (3 and 5 times per week) on insulin receptors, glucose transporter protein (GLUT4), and skeletal muscle insulin sensitivity in diabetic rats. Journal of Applied Pharmaceutical Science. 2017;7(2):132-6.

70. Bakhtiyari S, Meshkani R, Taghikhani M, Larijani B. The effects of PTP-1B knockdown on glucose uptake and triglyceride levels in C2C12 skeletal muscle cells. Iranian Journal of Diabetes and Lipid Disorders. 2010;9.

71. Sayehmiri F, Moshtaghie AA, Bakhtiyari S. Association of kcnj11 E23K promoter polymorphism with type 2 diabetes. Journal of Mazandaran University of Medical Sciences. 2015;25(121):1-8.

72. Bakhtiyari S. Novel Monoclonal Antibody Against A60 Antigen of Mycobacterium bovis BCG. Hybridoma. 2011;30(2):207.

## Presented & Published Abstracts in Congresses:

1. Khabiri AR, Taghikhani M, **Bakhtiyari S**. Purification and immunological characterization of secreted antigen of *Mycobacterium Tuberculosis*. Presented in the 17th National Congress of Tuberculosis. Isfahan, Iran, (14-16 Oct. 2003).

2. **Bakhtiyari S**. Naderi GA. Comparison of the antioxidant properties of selenium dioxide and green tea extract. Presented in the 2nd Symposium of Medicinal Plants. Tehran, Iran, (26- 27 Jan. 2004).

3. **Bakhtiyari S**, Taghikhani M, Khabiri AR. Generation and characterization of monoclonal antibodies to 10 kDa culture filtrate proteins (CFP) of *Mycobacterium Tuberculosis*. Presented in the 8th

Congress of Biochemistry and 1st International congress of Biochemistry

and Molecular Biology. Tehran, Iran, (11-15 Sep. 2005).

4. **Bakhtiyari S**, Taghikhani M, Khabiri AR. Production and purification of monoclonal antibody against A60 from *Mycobacterium Tuberculosis*. Presented in the 8th Congress of Biochemistry and 1st International congress of Biochemistry and Molecular Biology. Tehran, Iran, (11-15 Sep. 2005).

5. Naderi GA, Mookhah R, Atyabi M, **Bakhtiyari S**. Comparison of the inhibitory effects of artemisinin, dihydroartemisinin, and cyclosporine on the calcineurin enzyme. Presented in the 14th National and 2nd International conference of Biology. Tehran, Iran, (29-31 Aug. 2006).