

Curriculum Vitae of Mohammad Reza Haghshenas

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First Name: Mohammad Reza

Surname: Haghshenas

Current position: Assistant professor of Immunology

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Personal Data:

Date of Birth: 1979

Place of Birth: Larestan, Iran

Residency: Shiraz, Iran

Marital Status: Married

Child: 2

Education:

1. BSc. Degree in Medical Technology, Shahid Beheshti University of Medical Sciences, Tehran, Iran. (Score Number: 18.1).
2. MSc. Degree in Immunology, Mashhad & Shiraz University of Medical Sciences, Iran, May 2007 (Score Number: 18.55).
3. PhD by Research in Immunology, Shiraz Institute for Cancer Research, Shiraz University of Medical Sciences, Shiraz, Iran. June 2017 (Score Number: 19.62).

Thesis Title:

Proteomic and immunological dissection of malignant and benign salivary gland tumors: Serum and mesenchymal stem cell proteomics, lymphocyte subsets, chemokines and chemokine receptors

Published papers from PhD thesis:

1. Immune regulatory cells and IL17-producing lymphocytes in patients with benign malignant salivary gland tumors , Immunology Letters, 2015, Impact factor:2.436
2. Helper and cytotoxic T-cell subsets (Th1, Th2, Tc1, and Tc2) in benign and malignant salivary gland tumors, Oral Diseases, 2016, Impact Factor: 2.31
3. Chemokine and chemokine receptor patterns in patients with benign and malignant salivary gland tumors: a distinct role for CCR7, Eur. Cytokine Netw. 2017, Impact factor: 2.3

Honors during education:

1. Honor Student of BSc, Shahid Beheshti University of Medical Science, Tehran, Iran.
2. Honor MSc student of Immunology Department, Mashhad University of Medical Science, Mashhad, Iran.

Published Papers: (1-71)

1. Tabaei S, Zareinejad M, Haghshenas MR, Shakhssalim N, Gilany K, Stensballe A, Ghaderi A. Investigation of new autoantibodies in urothelial bladder cancer for biomarker discovery using immunoproteomics. *Discover oncology*. 2025;16(1):436.
2. Najib FS, Izanloo E, Aghdaki M, Khansalar S, Fattahi MJ, Oveisi Z, Haghshenas MR. Stromal Cell-Derived Factor1 Genetic Variation at Locus 801 in Patients with Endometrial Cancer. *Middle East Journal of Cancer*. 2025;16(2):181-8.
3. Khansalar S, Rostami E, Khademolhosseini A, Bayat M, Molaei V, Sarvari J, Haghshenas MR. Elevated Levels of Serum Interleukin-37 in Chronic Hepatitis B in Comparison with the Spontaneously Cleared and Healthy Control Groups. *Viral immunology*. 2025;38(8):288-93.
4. Ghasemian M, Gholami MA, Fattahi MJ, Ghasemi F, Ghaderi H, Khademi B, Ghaderi A, Haghshenas MR. Heterogeneity in benign and malignant salivary gland tumors. *Clinica chimica acta; international journal of clinical chemistry*. 2025;572:120258.
5. Ghaderi H, Fattahi MJ, Shirmardi Dezaki H, Malekzadeh M, Khademi B, Ghaderi A, Haghshenas MR. Interleukin-37 Serum Levels in Oral Squamous Cell Carcinoma. *Journal of Dentistry*. 2025.
6. Yadollahi M, Fazeli P, Jowkar M, Haghshenas MR, Niakan MH. The Role of Immune Components on the Response to Treatment in Trauma Patients: A Systematic Review. *Iranian Red Crescent Medical Journal (IRCMJ)*. 2024;26(1):-.
7. Shiravani Z, Mirshekari K, Larki MH, Shafiee N, Haghshenas MR, Ghaderi A, Fattahi MJ. Evaluation of the genetic diversity of KIR genes in patients with endometrial cancer. *Journal of reproductive immunology*. 2024;162:104217.
8. Sedaghat F, Shiravani Z, Karimi AM, Haghshenas MR, Ghaderi A, Fattahi MJ. Clinicopathological Implications of Serum level of IL-27 in Endometrial Cancer Patients. *Journal of Obstetrics, Gynecology and Cancer Research*. 2024;9(6):658-66.
9. Sajedi Shacker M, Dehghanian AR, Kiani R, Haghshenas MR, Erfani N. High Expression of Immune Checkpoint Molecules in Different Types of Thyroid Cancer. *Iranian journal of allergy, asthma, and immunology*. 2024;23(5):514-25.
10. Roshanizadeh Z, Haghshenas MR, Ramezani A, Shajari N, Tahmasebi S, Akrami M, Ghaderi A. Importance of Nectin2, NUF2, and Nectin4 Gene Expression in the Pathogenesis of Different Subtypes of Breast Cancer. *Middle East Journal of Cancer*. 2024;15(4):281-8.
11. Roshanizadeh Z, Haghshenas MR, Ghaderi A. Triple-Negative Breast Cancer: Emerging Biomarkers for Early Diagnosis, Prognosis, and Treatment. *Middle East Journal of Cancer*. 2024;15(4):257-71.
12. Moradzadeh M, Kargar M, Erfanian S, Haghshenas MR, Hojjat-Farsangi M, Rahmanian K, Sotoodeh Jahromi A. Effect of Crocin and Crocetin Compared to Cyclophosphamide on the Expression Level of miRNA-16-1 in a B Cell Transformed with EBV Virus Cell Line. *Asian Pac J Cancer Prev*. 2024;25(9):3179-85.
13. Haghshenas MR, Khademolhosseini A, Dehghanian AR, Ghanipour F, Ghaderi H, Khansalar S, Sotoodeh Jahromi A. Serum Interleukin-38 and Tumor-Infiltrating Lymphocytes in Primary Brain Tumors. *Iran J Immunol*. 2024;21(1):65-73.

14. Fattahi MJ, Momtahan M, Poostkar M, Shiravani Z, Erfani N, Haghshenas MR, Hashemi M, Ghaderi A, Kashkooe A. Investigation of PD-1 gene variants in patients with endometrial cancer: A case-control study. *Turkish journal of obstetrics and gynecology*. 2024;21(2):57-63.
15. Farahani H, Dehghanian AR, Khademolhosseini A, Haghshenas MR, Erfani N. Frequent expression of CD45RO memory T cell marker as well as low to high expression of PD-1 and PD-L1 inhibitory molecules in seminoma and dysgerminoma. *Journal of reproductive immunology*. 2024;161:104184.
16. Aliabadi A, Haghshenas MR, Kiani R, Panjehshahin MR, Erfani N. Promising anticancer activity of cromolyn in colon cancer: in vitro and in vivo analysis. *Journal of cancer research and clinical oncology*. 2024;150(4):207.
17. Aliabadi A, Haghshenas MR, Kiani R, Koohi-Hosseiniabadi O, Purkhosrow A, Pirsalami F, Panjehshahin MR, Erfani N. In vitro and in vivo anticancer activity of mebendazole in colon cancer: a promising drug repositioning. *Naunyn-Schmiedeberg's archives of pharmacology*. 2024;397(4):2379-88.
18. Tabaei S, Haghshenas MR, Webster TJ, Ghaderi A. Proteomics strategies for urothelial bladder cancer diagnosis, prognosis and treatment: Trends for tumor biomarker sources. *Analytical biochemistry*. 2023;666:115074.
19. Tabaei S, Haghshenas MR, Ariaifar A, Gilany K, Stensballe A, Farjadian S, Ghaderi A. Comparative proteomics analysis in different stages of urothelial bladder cancer for identification of potential biomarkers: highlighted role for antioxidant activity. *Clinical proteomics*. 2023;20(1):28.
20. Molaei V, Fattahi MR, Haghshenas MR, Hosseini SY, Malekhosseini SA, Sarvari J. Polymorphism Analysis of Interleukin-18 and Interleukin-37 Genes in Hepatitis B Infections with Different Outcomes: A Preliminary Report from an Iranian Population. *Asian Pac J Cancer Prev*. 2023;24(2):411-6.
21. Mohammadi Z, Pouramir M, Haghshenas MR, Tahmasebi S, Ghaderi A. Identification of Immunogenic Proteins in Early and Advanced Stages of Breast Cancer: An Immunoproteomics Study. *Middle East Journal of Cancer*. 2023;14(4):498-508.
22. Haghshenas MR, Shiravani Z, Samare-Najaf M, Khansalar S, Razavinasab SA, Ghaderi A, Jamali N. Clinical significance of IL-37 serum level and polymorphism in patients with endometrial cancer. *Eur Cytokine Netw*. 2023;34(4):63-9.
23. Haghshenas MR, Ghaderi H, Daneste H, Ghaderi A. Immunological and biological dissection of normal and tumoral salivary glands. *Int Rev Immunol*. 2023;42(2):139-55.
24. Haghbin M, Sotoodeh Jahromi A, Ranjbaran R, Abbasi M, Hashemi Tayer A. Comparison of Interleukin-33 Serum Levels in Patients with Breast Cancer and Idiopathic Granulomatous Mastitis. *Asian Pac J Cancer Prev*. 2023;24(5):1629-34.
25. Gerdabi S, Asadian F, Kiani R, Khademi B, Haghshenas MR, Erfani N. Simultaneous Expression of PD-1 and PD-L1 in Peripheral and Central Immune Cells and Tumor Cells in the Benign and Malignant Salivary Gland Tumors Microenvironment. *Head and neck pathology*. 2023;17(1):178-92.
26. Aliabadi A, Haghshenas MR, Kiani R, Koohi-Hosseiniabadi O, Purkhosrow A, Pirsalami F, Panjehshahin MR, Erfani N. In vitro and in vivo anticancer activity of mebendazole in colon cancer: a promising drug repositioning. *Naunyn-Schmiedeberg's archives of pharmacology*. 2023.

27. Saadati Z, Haghshenas MR, Rezaeifard S, Heidari F, Erfani N. Reference Ranges of Lymphocyte Subsets in Healthy Individuals from Southern Iran. *Clinical laboratory*. 2022;68(10).
28. Rezaei S, Azarpira N, Koohpeyma F, Yousefi R, Doaei S, Heidari M, Gholamalizadeh M, Haghshenas MR, Mazloom Z. Evaluation of morphology and angiogenesis of breast cancer in BALB/c mice using trypsin inhibitor from Cucumis melo seeds. In vitro and in vivo study. *Contemporary oncology (Poznan, Poland)*. 2022;26(3):204-19.
29. Nejabat S, Haghshenas MR, Farjadian S. Allergenome profiling of *Vespa orientalis* venom by serum IgE in patients with anaphylactic reaction to this hornet sting. *Toxicon : official journal of the International Society on Toxinology*. 2022;214:130-5.
30. Haghshenas MR, Zamir MR, Sadeghi M, Fattahi MJ, Mirshekari K, Ghaderi A. Clinical relevance and therapeutic potential of IL-38 in immune and non-immune-related disorders. *Eur Cytokine Netw*. 2022;33(3):54-69.
31. Haghshenas MR, Saffarian A, Khademolhosseini A, Dehghanian A, Ghaderi A, Sotoodeh Jahromi A. Simultaneous Increase in Serum Levels of IL-37 and IL-18 Binding Protein In Low-Grade and High-Grade Brain Tumors. *Asian Pac J Cancer Prev*. 2022;23(8):2851-6.
32. Haghshenas MR, Erfani N, Khansalar S, Khademi B, Ashraf MJ, Razmkhah M, Ghaderi A. Proteomics Study of Mesenchymal Stem Cell-Like Cells Obtained from Tumor Microenvironment of Patients with Malignant and Benign Salivary Gland Tumors. *Cell Journal (Yakhteh)*. 2022;24(4):196-203.
33. Fattahi MJ, Haghshenas MR, Ghaderi A. Immunometabolism in bladder cancer microenvironment. *Endocr Metab Immune Disord Drug Targets*. 2022.
34. Davoud R, Mohammad Reza H, Mahdi S, Zahra M, Zohreh B, Abbas G. Immunosuppressive Effects and Potent Anti-tumor Efficacy of mTOR Inhibitor Everolimus in Breast Tumor-bearing Mice. *Iranian Journal of Allergy, Asthma and Immunology*. 2022;0(0).
35. Haghshenas MR, Hosseini SR, Fattahi MJ, Malekzadeh M, Ariafar A, Ghaderi A. Elevated IL-37 Serum Levels in Patients with Transitional Cell Carcinoma of Bladder. *Iran J Immunol*. 2021;18(4):346-53.
36. Gheshlaghi A, Haghshenas MR, Safarpour AR, Hosseini SY, Fattahi MR, Sarvari J. IL-17 Genetic Variations Increase The Risk of Cirrhotic/Hepatocellular Carcinoma in Patients with Hepatitis B Virus Infection. *Iran J Immunol*. 2021;18(2):130-40.
37. Dabbaghmanesh MH, Rezaei B, Haghshenas MR, Montazeri-Najafabady N, Mohammadian Amiri R, Erfani N. CCR4 1014C/T and CCL22 16C/A Genetic Variations in the Iranian Patients with Thyroid Cancer. *Middle East Journal of Cancer*. 2021:-.
38. Aslani A, Haghshenas MR, Erfani N, Khezri AA. IL17A and IL17F Genetic Variations in Iranian Patients with Urothelial Bladder Cancer: A Case-Control Study. *Middle East Journal of Cancer*. 2021;12(3):377-82.
39. Shiri Z, Mansouri R, Haghshenas MR, Talei A, Erfani N. FOXP3 Genetic Variation at Position -2383 C/T (rs3761549) in Patients with Breast Cancer. *Middle East Journal of Cancer*. 2019;10(4):299-304.
40. Rostamzadeh D, Yousefi M, Haghshenas MR, Ahmadi M, Dolati S, Babaloo Z. mTOR Signaling pathway as a master regulator of memory CD8(+) T-cells, Th17, and NK cells development and their functional properties. *Journal of cellular physiology*. 2019;234(8):12353-68.
41. Rostamzadeh D, Haghshenas MR, Daryanoosh F, Samadi M, Hosseini A, Ghaderi A, Mojtahedi Z, Babaloo Z. Altered frequency of CD8(+) CD11c(+) T cells and expression of

immunosuppressive molecules in lymphoid organs of mouse model of colorectal cancer. *Journal of cellular physiology*. 2019;234(7):11986-98.

42. Mohammadipour K, Mansouri R, Salmanpour R, Haghshenas MR, Erfani N. Investigation of Interleukin-17 Gene Polymorphisms and Serum Levels in Patients with Basal Cell Carcinoma of the Skin. *Iran J Immunol*. 2019;16(1):53-61.

43. Ghapanchi J, Ghaderi H, Haghshenas MR, Jamshidi S, Rezazadeh F, Azad A, Farzin M, Derafshi R, Kalantari AH. Observational Molecular Case-Control Study of Genetic Polymorphisms 1 in Programmed Cell Death Protein-1 in Patients with Oral Lichen Planus. *Asian Pac J Cancer Prev*. 2019;20(2):421-4.

44. Arash S, Amir T, Mohammad Reza H, Mousa T, Nooshafarin C, Abbas G, Mahboobeh R. Proteomics Study of Mesenchymal Stem Cell-Like Cells Isolated from Cerebrospinal Fluid of Patients with Meningioma. *Current Proteomics*. 2019;16(4):282-8.

45. Ghaderi H, Razmkhah M, Kiany F, Chenari N, Haghshenas MR, Ghaderi A. Comparison of Osteogenic and Chondrogenic Differentiation Ability of Buccal Fat Pad Derived Mesenchymal Stem Cells and Gingival Derived Cells. *J Dent (Shiraz)*. 2018;19(2):124-31.

46. Pirdelkhosh Z, Kazemi T, Haghshenas MR, Ghayumi MA, Erfani N. Investigation of Programmed Cell Death-1 (PD-1) Gene Variations at Positions PD1.3 and PD1.5 in Iranian Patients with Non-small Cell Lung Cancer 2017.

47. Namavar Jahromi F, Samadi M, Mojtahedi Z, Haghshenas MR, Taghipour M, Erfani N. Association of PD-1.5 C/T, but Not PD-1.3 G/A, with Malignant and Benign Brain Tumors in Iranian Patients. *Immunol Invest*. 2017;46(5):469-80.

48. Haghshenas MR, Dabbaghmanesh MH, Miri A, Ghaderi A, Erfani N. Association of PDCD1 gene markers with susceptibility to thyroid cancer. *Journal of endocrinological investigation*. 2017;40(5):481-6.

49. Haghshenas MR, Ashraf MJ, Khademi B, Ghaderi A, Erfani N, Razmkhah M. Chemokine and chemokine receptor patterns in patients with benign and malignant salivary gland tumors: a distinct role for CCR7. *Eur Cytokine Netw*. 2017;28(1):27-35.

50. Khademi B, Tajvarpour M, Mojtahedi Z, Haghshenas MR, Erfani N. T-helper Type 1 and 2 Cytokine Levels in Patients with Benign and Malignant Salivary Gland Tumors. *Iran J Immunol*. 2016;13(1):9-15.

51. Haghshenas MR, Khademi B, Ashraf MJ, Ghaderi A, Erfani N. Helper and cytotoxic T-cell subsets (Th1, Th2, Tc1, and Tc2) in benign and malignant salivary gland tumors. *Oral Dis*. 2016;22(6):566-72.

52. Haghshenas MR, Khademi B, Faghih Z, Ghaderi A, Erfani N. Immune regulatory cells and IL17-producing lymphocytes in patients with benign and malignant salivary gland tumors. *Immunol Lett*. 2015;164(2):109-16.

53. Bina S, Shenavar F, Khodadad M, Haghshenas MR, Mortazavi M, Fattahi MR, Erfani N, Hosseini SY. Impact of RGD Peptide Tethering to IL24/mda-7 (Melanoma Differentiation Associated Gene-7) on Apoptosis Induction in Hepatocellular Carcinoma Cells. *Asian Pac J Cancer Prev*. 2015;16(14):6073-80.

54. Abdolahi F, Dabbaghmanesh MH, Haghshenas MR, Ghaderi A, Erfani N. A gene-disease association study of IL18 in thyroid cancer: genotype and haplotype analyses. *Endocrine*. 2015;50(3):698-707.

55. Ghapanchi J, Haghshenas MR, Ghaderi H, Amanpour S, Nemati V, Kamali F. Ctla-4 gene polymorphism in +49 a/g position: a case control study on patients with oral lichen planus. *J Int Oral Health*. 2014;6(5):17-21.

56. Faghih Z, Erfani N, Haghshenas MR, Safaei A, Talei AR, Ghaderi A. Immune profiles of CD4⁺ lymphocyte subsets in breast cancer tumor draining lymph nodes. *Immunol Lett.* 2014;158(1-2):57-65.
57. Erfani N, Hamed-Shahraki M, Rezaeifard S, Haghshenas M, Rasouli M, Samsami Dehaghani A. FoxP3⁺ regulatory T cells in peripheral blood of patients with epithelial ovarian cancer. *Iran J Immunol.* 2014;11(2):105-12.
58. Mojtahedi Z, Erfani N, Malekzadeh M, Haghshenas MR, Ghaderi A, Samsami Dehaghani A. HER2 Ile655Val Single Nucleotide Polymorphism in Patients with Ovarian Cancer. *Iran Red Crescent Med J.* 2013;15(1):1-3.
59. Mojtahedi Z, Erfani N, Haghshenas M, Hosseini S, Ghaderi A. Association of FoxP3/Scurfin Germline Polymorphism (C-2383T/rs3761549) with Colorectal Cancer. *Ann Colorectal Res.* 2013;1(1):0-.
60. Khandani M, Sedaghat T, Erfani N, Haghshenas MR, Khavasi HR. Synthesis, spectroscopic characterization, structural studies and antibacterial and antitumor activities of diorganotin complexes with 3-methoxysalicylaldehyde thiosemicarbazone. *Journal of Molecular Structure.* 2013;1037(0):136-43.
61. Erfani N, Khademi B, Haghshenas MR, Mojtahedi Z, Ghaderi A. Intracellular CTLA4 and regulatory T cells in patients with laryngeal squamous cell carcinoma. *Immunol Invest.* 2013;42(2):81-90.
62. Erfani N, Moghaddasi-Sani F, Razmkhah M, Haghshenas MR, Talei A, Ghaderi A. CCL22 16C/a genetic variation is not associated with breast carcinoma in Southern Iranian population. *Iran J Immunol.* 2012;9(4):226-33.
63. Erfani N, Mehrabadi SM, Ghayumi MA, Haghshenas MR, Mojtahedi Z, Ghaderi A, Amani D. Increase of regulatory T cells in metastatic stage and CTLA-4 over expression in lymphocytes of patients with non-small cell lung cancer (NSCLC). *Lung Cancer.* 2012;77(2):306-11.
64. Erfani N, Haghshenas MR, Hoseini MA, Hashemi SB, Khademi B, Ghaderi A. Strong association of CTLA-4 variation (CT60A/G) and CTLA-4 haplotypes with predisposition of Iranians to head and neck cancer. *Iran J Immunol.* 2012;9(3):188-98.
65. Yousefipour GA, Haghshenas MR, Yahyazadeh S, Erfani N. Stromal cell derived factor-1 genetic variation at locus 801 in patients with myasthenia gravis. *Iran J Immunol.* 2011;8(2):90-5.
66. Mojtahedi Z, Hashemi SB, Khademi B, Karimi M, Haghshenas MR, Fattahi MJ, Ghaderi A. p53 codon 72 polymorphism association with head and neck squamous cell carcinoma. *Braz J Otorhinolaryngol.* 2010;76(3):316-20.
67. Mojtahedi Z, Haghshenas MR, Hosseini SV, Fattahi MJ, Ghaderi A. p 53 codon 72 polymorphism in stomach and colorectal adenocarcinomas in Iranian patients. *Indian J Cancer.* 2010;47(1):31-4.
68. Haghshenas MR, Naeimi S, Talei A, Ghaderi A, Erfani N. Program death 1 (PD1) haplotyping in patients with breast carcinoma. *Mol Biol Rep.* 2010.
69. Shayan S, Abdi A, Zibaeenezhad M, Haghshenas M, Erfani N, Ghaderi A. Interleukin-18 Gene Polymorphism in Patients with and without Atherosclerotic Coronary Artery Disease. *Iranian Cardiovascular Research Journal.* 2009;Vol.3, No.3,.

70. Haghshenas MR, Hosseini SV, Mahmoudi M, Saberi-Firozi M, Farjadian S, Ghaderi A. IL-18 serum level and IL-18 promoter gene polymorphism in Iranian patients with gastrointestinal cancers. *J Gastroenterol Hepatol*. 2009;24(6):1119-22.
71. Farjadfar A, Mojtahedi Z, Ghayumi MA, Erfani N, Haghshenas MR, Ghaderi A. Interleukin-18 promoter polymorphism is associated with lung cancer: a case-control study. *Acta Oncol*. 2009;48(7):971-6.

Scopus citation: Document h-index: 15

Google Scholar: Document h-index: 18

Work Experience:

1. Medical Technology in Emam Reza Hospital Laboratory (16 month).
2. Two years of work experience at "Bu-Ali Research Center" Mashhad University of Medical Science, Mashhad , Iran.
3. More than ten years of work experience at "Shiraz Institute for Cancer Research" Shiraz University of Medical Science, Shiraz, Iran.

Technical Skills:

1. Expert in proteomics studies (Conventional 2-DE and Mass analysis)
2. Expert in immunoproteomics studies
3. Expert in mouse model of breast cancer
4. Expert in different techniques of Flowcytometry
5. Expert in different methods of PCR (Arms, RFLP, Nested)
6. Induction of breast and colon tumors in mouse model
7. Expert in techniques of gene and protein expression (Real time PCR and IHC)
8. Expert in cell culture and WST-1 technique
9. Familiar with sequencing techniques and bioinformatics analysis
10. Familiar with ELISA
11. Familiar with molecular techniques for study of cancers such as DNA extraction
12. Familiar with DNA bank

Field of Interest:

Cancer immunology, Biomarkers and cancer proteomics, Immunogenetics and molecular biology, Mesenchymal stem cells, Tumor mouse models.

Computer Skills:

1. Familiar with different skills of ICDL such as basic information, windows, internet, word, power point, excel, access
2. Expert in Flowcytometric analysis using CellQuest-Pro software packages.
3. Expert in Proteomics study and Protein Data base.
4. Familiar with Biostatistics software packages, including: SPSS and EpiInfo.
5. Expert in "EndNote" (reference managing) software packages.

Holding and teaching at the workshops:

1. Teaching at the Workshop entitled “Proteomics and Interpretation of Mass Spectrometry Results”, 14th International Congress of Immunology & Allergy of Iran, Shahid Beheshti, 2018, Tehran, Iran.
2. Practical teaching at summer school on the “Proteomics and Interpretation of Mass Spectrometry Results, 2018, Shiraz, Iran.
3. Practical teaching at the Workshop entitled “flowcytoetry, basics and applications”, Bushehr university of Medical Sciences, 2011, Bushehr, Iran.
4. Practical teaching at summer school on the “flowcytoetry, basics and applications”, , Shiraz university of Medical Sciences, Since 2013 to 2017, Shiraz, Iran.

Invited Speaker:

Clinical proteomics in cancer: a focus on personalized medicine, 2en international personalized Medicine Congress of Iran with Cancer Main topics, 13-15 January 2018, Razi International Congress Center, Tehran, Iran.

Membership:

Representative of PhD by research at postgraduate student committee for two years

International & National Congress:

1. Proteomics study of breast cancer based on different stages, Mohammad Reza Haghshenas, Zeinab Mohammadi, Soolmaz Khansalar, Abbas Ghaderi (15th Meeting of ACTO, China)
2. Serum interleukin-37 levels in hepatitis B, Mohammad Reza Haghshenas, Soolmaz Khansalar, Jamal Sarvari (18th Professor Alborzi International Congress of Clinical Microbiology)
3. Expression of immune check points and memory T cell marker in seminoma and Dysgerminoma, Hadiseh Farahani, Amir Reza Dehghanian, Aida Khademolhosseini, Mohammad Reza Haghshenas, Nasrollah Erfani (16th International Congress of Immunology & Allergy of Iran, Tehran -Iran)
4. IL-38 Serum Levels in Iranian Women with Breast Cancer: A Case-Control Study, Aida Khademolhosseini, Mohammad Reza Haghshenas, Seyedeh Niloufar Mousavi, Soolmaz Khansalar, Abbas Ghaderi (16th International Congress of Immunology & Allergy of Iran, Tehran -Iran)
5. Immunoproteomics Analysis for Identification of Novel Biomarker as a tumorassociated antigen in Bladder Cancer Patients, Samira Tabaei, Mohammadreza Haghshenas, Kambiz Gilani, Allan Stensballe, Abbas Ghaderi (16th International Congress of Immunology & Allergy of Iran, Tehran -Iran)
6. Importance of Nectin2, NUF2, and Nectin4 Genes Expression in Pathogenesis of Different Subtypes of Breast Cancer, Zahra Roshanizadeh, Abbas Ghaderi, Mohammad Reza Haghshenas, Amin Ramezani (16th International Congress of Immunology & Allergy of Iran, Tehran -Iran)
7. In vitro and In vivo Anticancer Activity of Mebendazole on Colon Cancer, Amin aliabadi, Nasrullah Erfani, Mohamad Reza Panjeshahin, Mohammad Reza Haghshenas, Razie Kiani(16th International Congress of Immunology & Allergy of Iran, Tehran -Iran)
8. Investigation of TNF alpha serum levels in patients with bladder cancer, Mohammad Reza Haghshenas, Soolmaz Khansalar, Behrouz Jaba, Mohammad Javad Fattahi (16th International Congress of Immunology & Allergy of Iran, Tehran -Iran)

9. Receiver Operating Characteristic curve analysis of interleukin-37 in Iranian patients with breast cancer, Mohammad Javad Fattahi, Mohammad Reza Haghshenas (1st International Congress of Biomarkers, Urmia, Iran)
10. Evaluating the role of serum level of IL-27 in patients with prostate cancer compared to healthy controls, Mohammad Javad Fattahi, Mohammad Reza Haghshenas, Ali Ariafar, Abbas Ghaderi (1st International Congress of Biomarkers, Urmia, Iran)
11. Serum IL-27 concentration in patients with colorectal cancer compared with healthy individuals, Mohammad Javad Fattahi, Mohammad Reza Haghshenas, Abbas Ghaderi, (1st International Congress of Biomarkers, Urmia, Iran)
12. Comparison of protein expression pattern in different stages of breast cancer by two-dimensional electrophoresis and mass Spectrometry, Mohammad Reza Haghshenas, Zaynab Mohammadi, Sedigheh Tahmasebi, Abbas Ghaderi (5th International Congress of Cancer, Shahid Beheshti University of Medical Sciences, Tehran, Iran).
13. Serum proteomics analysis in patients with tongue squamous cell carcinoma, Mohammad Reza Haghshenas Bijan Khademi, Abbas Ghaderi, (5th International Congress of Cancer, Shahid Beheshti University of Medical Sciences, Tehran, Iran).
14. Receiver Operating Characteristic curve analysis of IL-37 serum level in male patients with bladder cancer, Mohammad Reza Haghshenas¹, Mohammad Javad Fattahi¹, (5th International Congress of Cancer, Shahid Beheshti University of Medical Sciences, Tehran, Iran).
15. Increase in Helios-expressing regulatory T cells in lymph nodes of breast cancer mice treated with Everolimus, Mohammad Reza Haghshenas, Davood Rostam zadeh, Hossein Askarian Kakh, Abbas Ghaderi (15th International Congress of Immunology & Allergy of Iran, Ahvaz -Iran)
16. Effect of mTOR inhibitor everolimus on Helios expression in CD4, CD8 and Treg cells isolated from spleen in a mouse model with breast cancer, Mohammad Reza Haghshenas, Davood Rostam zadeh, Iman Radmanesh, Abbas Ghaderi (15th International Congress of Immunology & Allergy of Iran, Ahvaz -Iran)
17. High expression of immune checkpoint molecules in different types of thyroid cancer,

- Mahdi Sajedi Shacker, Mohammad Reza Haghshenas, Razieh Kiani, AmirReza Dehghanian, Nasrollah Erfani (15th International Congress of Immunology & Allergy of Iran, Ahvaz -Iran)
18. Elevated Interleukin-37 serum levels in patients with oral squamous cell carcinoma, Mohammad Reza Haghshenas, Hamid ghaderi, Soolmaz Khansalar, Mohammad Javad Fattahi, Hossain Shimardi, Abbas Ghaderi (15th International Congress of Immunology & Allergy of Iran, Ahvaz -Iran)
 19. Elevated IL-37 serum levels in Iranian women with breast cancer , Mohammad Reza Haghshenas, Mohammad Javad Fattahi, Morteza Choobineh, Mahyar Malekzadeh, Abbas Ghaderi (15th International Congress of Immunology & Allergy of Iran, Ahvaz -Iran)
 20. Increased serum concentrations of interleukin-37 in patients with bladder cancer , Mohammad Reza Haghshenas, Mohammad Javad Fattahi, Seyed Reza Hosseini¹, Ali Ariafar, Mahyar Malekzadeh, Abbas Ghaderi (15th International Congress of Immunology & Allergy of Iran, Ahvaz -Iran)
 21. Investigation of serum level of IL-27 in endometrial cancer patients, Mohammad Javad Fattahi, Mohammad Reza Haghshenas, Ali Mohammad Karimi, Zahra Shiravani, Abbas Ghaderi (15th International Congress of Immunology & Allergy of Iran, Ahvaz -Iran)
 22. Endocan serum levels in patients with low and high grade meningiomas: does this biomarker have an indicative role? Mohammad Javad Fattahi, Fatemeh Sedaghat, Mahyar Malekzadeh, Mohammad Reza Haghshenas , Abbas Ghaderi (15th International Congress of Immunology & Allergy of Iran, Ahvaz -Iran)
 23. Evaluation of lactate dehydrogenase and fatty acid synthase serum levels in bladder cancer patients, Mohammad Javad Fattah, Mohammad Reza Haghshenas, Ali Ariafar, Fatemeh Sedaghat, Mahyar Malekzadeh, Abbas Ghaderi (15th International Congress of Immunology & Allergy of Iran, Ahvaz -Iran)
 24. Proteomic Pattern of Mesenchymal Stem Cells in the Patients with Malignant and Benign Salivary Gland Tumors, Mohammad Reza Haghshenas, Zahra Mojtahedi, Mahboobeh Razmkhah, Nasrollah Erfani, Bijan Khademi, Mohammad Javad Ashraf, Abbas Ghaderi (14th International Congress of Immunology & Allergy of Iran, Shahid Beheshti, Tehran - Iran)

25. Investigation of the gene polymorphism of CCL22 16C/A in patients with Basal Cell Carcinoma, Maryam Fakhimi, Sara Ghafarpour, Mohamad Reza Haghshenas, Faride Jowkar, Nasrollah Erfani (14th International Congress of Immunology & Allergy of Iran, Shahid Beheshti, Tehran -Iran)
26. Genetic variations of PD-1 co-inhibitory molecule (PD1.3and PD1.5) in patients with basal cell carcinoma, Maryam fakhimi, Maryam Abedi, Zahra Faghih, Mohammad Reza Haghshenas, Faride Jowkar, Nasrollah Erfani (14th International Congress of Immunology & Allergy of Iran, Shahid Beheshti, Tehran -Iran)
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43. Evidences of Treg cells increase before metastasis in patients with non small cell lung cancer

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44. CTLA4 over-expression in intracellular compartments as well as on the surface of lymphocytes derived from patients with lung cancer

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45. Strong association of CTLA-4 variation (CT60A/G) and CTLA-4 haplotypes with predisposition of Iranian population to Head and Neck cancer

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47. Investigation of PD-1.5 genetic marker in colorectal cancer in Iranians

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