CURRICULUM VITAE- Nasrollah Erfani, PhD

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University appointment:

- Professor of Immunology, Shiraz University of Medical Sciences, Shiraz, Iran, 2017–present
- Associate Professor of Immunology, Shiraz University of Medical Sciences, Shiraz, Iran, 2012 – 2017
- Assistant Professor of Immunology, Shiraz University of Medical Sciences, Shiraz, Iran, 2008-2012

Qualifications and trainings

- Ph.D. in Immunology, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran, 2002 – 2008

- Sabbatical during PhD (Scholarship from Iran's Ministry of Health and Medical Education): Cancer Proteomics, Joint proteomics laboratory (JPSL), Ludwig Institute for Cancer Research, Royal Melbourne Hospital, Melbourne, Australia, April 2006-November 2006

- M.Sc. in Immunology, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran, 1999 – 2002

- B.Sc. in Biology, Faculty of Sciences, Razi University, Kermanshah, Iran, 1992-1996

Fellowships:

- Research fellowship, Shiraz University of Medical Sciences, Shiraz, Iran, 2013
- E-learning fellowship, Shiraz University of Medical Sciences, Shiraz, Iran, April to September 2012
- Medical education fellowship, Shiraz University of Medical Sciences, Shiraz, Iran, from November to December 2011

Distinction, honors, and awards

- Selected as the distinguished professor in 2021, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran, 2021
- Winner of 2019-2020 German-Iranian BMBF-SMRT mobility grant to perform a joint research study on cancer immune-cell therapy with Technical University (TU) Dresden, Germany, 2019- now
- Winner of the best-abstract award of the 8th annual meeting of Asian Cell Therapy Organization (ACTO), Beijing, China, 2017
- Top researcher of the research centers, Shiraz University of Medical Sciences, Shiraz, Iran, 2016
- Top researcher of the Fars province, Shiraz, Iran, 2015
- Honor postgraduate student of the University, Shiraz University of Medical Sciences, Years 2004 & 2005 & 2006
- Member of "Gifted Talent Office" during PhD study at Shiraz University of Medical Sciences, Shiraz, Iran
- Winer of the scholarship for PhD study offered by Shiraz University of Medical Sciences, Shiraz, Iran: 2003-2008
- First rank promoted in PhD written entrance-exam in Immunology, Iran's Ministry of health and medical education. 2002
- Honor MSc student of Immunology, Shiraz University of Medical Sciences, 2001

Administrations

- Vice chancellor (VC) for International Affairs, Shiraz University of Medical Sciences, Shiraz, Iran, February 2015–April 2022 (Stablishing the VC and holding the position for more than 7 years)
- Vice Director, Shiraz Institute for Cancer Research, Shiraz University of Medical Sciences, Shiraz, Iran, 2008-now
- Head of Cancer Immunology and Immunotherapy Group, Shiraz Institute for Cancer Research, Shiraz University of Medical Sciences, Shiraz, Iran, 2008-now
- Head of "Unrelated stem cell donor registry unit" and "bone marrow transplantation (BMT) HLA bank", Shiraz University of Medical Sciences, January 2022-Now
- Head of "Faculty-member Affairs of the Research Centers", Shiraz University of Medical Sciences, 2011–2019 March
- Manager of "Scientific Resources and Medical Informatics", Shiraz University of Medical Sciences, Shiraz, Iran, 2014–2015
- Head of the "Research laboratories for the advanced medical technologies", Shiraz University of Medical Sciences, Shiraz, Iran, 2013–2015

Membership

- Member of the Iranian Immunology Board, March 2019-now
- Secretary General, and the member of the directory board of the Iranian Society for Immunology & Allergy (ISIA); (http://isiaonline.org/), August 2021-now
- Member of The Federation of Immunological Societies of Asia-Oceania (FIMSA; http://www.fimsa.org/), which is itself a member of International Union of Immunological Societies (IUIS; https://iuis.org/)
- Member of European Association for Cancer Research (EACR; https://www.eacr.org/), Membership Number: EACR30067
- Member of The Association for Cancer Immunotherapy (CIMT; https://www.cimt.eu/), Germany, Member Number: E121
- Member of the Iranian Proteomics Society (http://www.proteomics.ir/)
- Member of the stirring committee, Iran's Cancer Research Network (March 2011-now)
- Head of the university international council, Shiraz University of Medical Sciences, Shiraz Iran, February 2015–April 2022
- Member of the university research council, Shiraz University of Medical Sciences, Shiraz Iran, June 2013-now
- Member of the university higher-education council, Shiraz University of Medical Sciences, Shiraz Iran, 2013- 2015

Scientific fields of interest

My main scientific field of interest is Cancer Immunology and Immune Cell Therapy. Performing applied research on autologous/allogenic Natural Killer (NK) Cells or engineered (e.g. CAR-) NK cells for cancer immunotherapy is among hot research topics at my research laboratory. Experimental study of anti-cancer immune responses, consultation for immunoassay/vaccine development and the study of the biologic effects of novel drug candidates are among other research activities that are carried out at my research Lab.

Teaching Experiences

- Teaching Immunolgy to the **students of Medicine (MD), Dentestry (DDM), Pharm D**. and **post graduate clinical programs**, Shiraz university of Medical sciences, Shiraz, Iran, 2008-now

- Teaching Immunolgy to the international students of **I**nternatioal **E**duacation **P**rograms (IEPs), Shiraz university of Medical sciences, Shiraz, Iran (The language of instruction in IEP proram is English). 2015-now

- Teaching Advanced Immunology, Applied Immunology, Immunogenetics, Immunotherapy, Immune cell therapy, Targeted therapy, Vaccines, Immuonochemistry and Immunological Methods, Flowcytometry, Molecular diagnosis, DNA seqencing and different topics in molecular medicine to **MSc and PhD student**, School of Medicine as well as the Graduate school of advanced medical sciences and technologies, Shiraz university of Medical sciences, Shiraz, Iran, 2008-now

- Teaching advanced Immunology, Molecular Biology of Tumors, etc. to the **students of Phd-by-resaerch programs**, Shiraz university of Medical sciences, Shiraz, Iran, 2011-now

Thesis supervision

- Supervising and/or advising more than 65 graduate (PhD, MSc, Specialty, and sub-specialty) and undergraduate (MD, Pharm D or DDM) students' thesis. 2008-now

Research projects

Currently working as the head of Cancer Immunology and Immunotherapy Research Group at the Department of Immunology, as well as the Shiraz Institute for Cancer Research (ICR), Shiraz University of Medical Sciences, Shiraz, Iran.

- In collaboration with international partners, Cancer Immune Cell Therapy is the main field of study in my Lab. Following projects are in progress or have already been accomplished in this field:
  - Autologous NK cell therapy trial in collaboration with a Japanese party (Preclinical phase and clinical trial Phase 1)
  - Chimeric Antigen Receptor (CAR)-NK cells targeting TAAs as well as cancer-associated immune-inhibitory receptors for the purpose of cancer immunotherapy; two separate projects are now in progress; of which one is in collaboration with Technical University (TU) Dresden in Germany

- The main goals of the other projects undertaken in my Lab are:
  - Th17 and Regulatory T cells in cancer, new concepts and therapeutic applications
  - Investigation of the immune response inhibitory state in patients with cancers
  - Assessment of In-vitro anti-tumoral activity as well as immune effects of anticancer loaded nano/micro-particles and newly designed therapeutic agents
  - Cancer Proteomics; biomarkers for screening, therapy, and vaccine design
  - Molecular analysis of the immune-related genes in patients with cancers
  - Cancer Bio-bank in southern Iran

Citation Metrics up to October 04, 2023

- **Scopus:** Total citations: 2097, H-index: 27, G-index: 41
- **Web of Science:** Total citations: 1821, H-index: 24, G-index: 36
- **Google Scholar:** Total citations: 2917, H-index: 32, G-index: 50, i10 index: 67

Publications

Symbols: ***corresponding author**, #**The same contribution as the first author***

1. Aliabadi A, Haghshenas MR, Kiani R, Koohi-Hosseinabadi 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 Schmiedebergs Arch Pharmacol***. 2023, In press. DOI: https://doi.org/10.1007/s00210-023-02722-z

2. Hashemi S, Seradj H, Kiani R, Jassbi AR, ***Erfani N****. Two Ursane Triterpenoids of Salvia urmiensis Induce Apoptosis and Cell Cycle Arrest in Human Lung Carcinoma Cells. ***Pharmaceutical Sciences,*** 2023; 29(2):190-199. DOI: https://doi.org/10.34172/PS.2022.32

3. 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 ***Neck Pathol***. 2023;17(1):178-92. DOI: https://doi.org/10.1007/s12105-022-01486-x

4. Salmanpour A, Rezaeifard S, Kiani R, Tahmasebi S, Faghih Z, ***Erfani N****. IFNgamma-IL-17-IL-22+CD4+ subset and IL-22-producing cells in tumor draining lymph nodes of patients with breast cancer. ***Breast Dis***. 2022;41(1):383-90. DOI: https://doi.org/10.3233/BD-210084

5. Haghshenas MR, ***Erfani N***, Khansalar S, Khademi B, Ashraf MJ, Razmkhah M, et al. Proteomics Study of Mesenchymal Stem Cell-Like Cells Obtained from Tumor Microenvironment of Patients with Malignant and Benign Salivary Gland Tumors. ***Cell J***. 2022;24(4):196-203. DOI: https://doi.org/10.22074/cellj.2022.7844

6. Saadati Z, Haghshenas MR, Rezaeifard S, Heidari F, ***Erfani N****. Reference Ranges of Lymphocyte Subsets in Healthy Individuals from Southern Iran. ***Clin Lab***. 2022;68(10). DOI: https://doi.org/10.7754/Clin.Lab.2022.211245

7. Heidari F, Ramezani A, ***Erfani N***, Razmkhah M. Indoleamine 2, 3-Dioxygenase: A Professional Immunomodulator and Its Potential Functions in Immune Related Diseases. ***Int Rev Immunol***. 2022;41(3):346-63. DOI: https://doi.org/10.1080/07391102.2018.1519460

8. Dabbaghmanesh MH, Rezaei B, Haghshenas MR, Montazeri-Najafabady N, Amiri RM, ***Erfani N***.* CCR4 1014C/T and CCL22 16C/A Genetic Variations in teh Iranian Patients with Thyroid Cancer. ***Middle East J Cancer***. 2022;13(3):404-10. DOI: https://doi.org/10.30476/MEJC.2021.87469.1421

9. Rezaeifard S, Talei A, Shariat M, ***Erfani N***.* Tumor infiltrating NK cell (TINK) subsets and functional molecules in patients with breast cancer. ***Mol Immunol***. 2021;136:161-7. DOI: https://doi.org/10.1016/j.molimm.2021.03.003

10. Rezaeifard S, Heike Y, Masuyama JI, Rezvani A, Vojdani R, ***Erfani N***. Autologous Natural Killer Cell-enrichment for Immune Cell Therapy: Preclinical Setting Phase, Shiraz Experience. ***Iran J Allergy Asthma Immunol.*** 2021;20(2):233-43.URL: https://www.ncbi.nlm.nih.gov/pubmed/33904681

11. Maleksabet A, Zarei Jaliani H, Asgari A, Ramezani A, ***Erfani N***.* Specific Targeting of Recombinant Human Pancreatic Ribonuclease 1 using Gonadotropin-Releasing Hormone Targeting Peptide toward Gonadotropin-Releasing Hormone Receptor-Positive Cancer Cells. ***Iranian journal of medical science***s. 2021;46(4):281-90. DOI: https://doi.org/10.30476/ijms.2020.83234.1219

12. Heidari F, Razmkhah M, Razban V, ***Erfani N***. Effects of indoleamine 2, 3-dioxygenase (IDO) silencing on immunomodulatory function and cancer-promoting characteristic of adipose-derived mesenchymal stem cells (ASCs). ***Cell Biol Int***. 2021;45(12):2544-56. DOI: https://doi.org/10.1002/cbin.11698

13. Hashemi S, Jassbi AR, ***Erfani N***, Kiani R, Seradj H. Two new cytotoxic ursane triterpenoids from the aerial parts of Salvia urmiensis ***Bunge. Fitoterapia.*** 2021;154:105030. DOI: https://doi.org/10.1016/j.fitote.2021.105030

14. Faghih Z, Taherifard E, Daneshmand A, Talei A, ***Erfani N***.* OX40 genetic variations in patients with breast cancer: a case-control study. ***Br J Biomed Sci***. 2021;78(1):44-6. DOI: https://doi.org/10.1080/09674845.2020.1776587

15. Dorosti H, Nezafat N, Heidari R, Ghoshoon MB, Gholami A, Dehshahri A, ***Erfani, N,*** et al. Production and Immunological Evaluation of Epitope-based Preventative Pneumococcal Candidate Vaccine Comprising Immunodominant Epitopes from PspA, CbpA, PhtD and PiuA Antigens. ***Curr Pharm Biotechnol***. 2021;22(14):1900-9. DOI: https://doi.org/10.2174/1389201022666201231112029

16. 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 J Cancer***. 2021;12(3):377-82. DOI: https://doi.org/10.30476/mejc.2021.83915.1185

17. Asadi M, Ahmadi N, Ahmadvand S, Jafari AA, Safaei A, ***Erfani N***, et al. Investigation of olfactory receptor family 51 subfamily j member 1 (OR51J1) gene susceptibility as a potential breast cancer-associated biomarker. ***PLoS One***. 2021;16(2):e0246752. DOI: https://doi.org/10.1371/journal.pone.0246752

18. Vakili B, Nezafat N, Zare B, ***Erfani N***, Akbari M, Ghasemi Y, et al. A new multi-epitope peptide vaccine induces immune responses and protection against Leishmania infantum in BALB/c mice. ***Med Microbiol Immunol***. 2020;209(1):69-79. DOI: https://doi.org/10.1007/s00430-019-00640-7

19. Rasoolian M, Hosseini SY, Khanahmad H, Sarvari J, Rahbarizadeh F, Amani AM, ***Erfani N,*** et al. Gene Delivery by Pei-Nanocomplex Into Breast and Colorectal

Tumor Cell Lines, the Impacts of N/P Ratio, Size and Type of the Cell. ***FABAD Journal of Pharmaceutical Sciences***. 2020;45(1):19-27. URL: https://search.proquest.com/docview/2386339324?accountid=41313

20. Negahdaripour M, Nezafat N, Heidari R, ***Erfani N***, Hajighahramani N, Ghoshoon MB, et al. Production and Preliminary In Vivo Evaluations of a Novel in silico-designed L2-based Potential HPV Vaccine. Curr Pharm Biotechnol. 2020;21(4):316-24. DOI: https://doi.org/10.2174/1389201020666191114104850

21. Keshtgar S, Ebrahimi B, Shid-Moosavi SM, ***Erfani N***. NADPH oxidase 5 activation; a novel approach to human sperm cryoinjury. ***Cell Tissue Bank***. 2020;21(4):675-84. DOI: https://doi.org/10.1007/s10561-020-09845-0

22. Ariafar A, Vahidi Y, Fakhimi M, Asadollahpour A, ***Erfani N***, Faghih Z. Prognostic significance of CD4-positive regulatory T cells in tumor draining lymph nodes from patients with bladder cancer**.** ***Heliyon***. 2020;6(12):e05556. DOI: https://doi.org/10.1016/j.heliyon.2020.e05556

23. 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). DOI: https://doi.org/10.30476/MEJC.2019.78638

24. Rezaeifard S, Safaei A, Talei A, Faghih Z, ***Erfani N****. NK, NKT and Invariant-NKT Cells in Tumor Draining Lymph Nodes of Patients with Breast Cancer. ***Iran J Immunol***. 2019;16(4):291-8. DOI: https://doi.org/10.22034/IJI.2019.80280

25. Hajighahramani N, Eslami M, Negahdaripour M, Ghoshoon MB, Dehshahri A, ***Erfani N***, et al. Computational design of a chimeric epitope-based vaccine to protect against Staphylococcus aureus infections. ***Mol Cell Probes.*** 2019;46:101414. DOI: https://doi.org/10.1016/j.mcp.2019.06.004

26. 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. DOI: https://doi.org/10.22034/IJI.2019.39406

27. Jaafari-Ashkvandi Z, Shirazi SY, Rezaeifard S, Hamedi A, ***Erfani N.***** Cytotoxic Effects of Pistacia Atlantica (Baneh) Fruit Extract on Human KB Cancer Cell Line. ***Acta Medica (Hradec Kralove).*** 2019;62(1):30-4. DOI: https://doi.org/10.14712/18059694.2019.43

28. Fouladseresht H, Ziaee SM, ***Erfani N,*** Doroudchi M. Serum Levels of APRIL Increase in Patients with Glioma, Meningioma and Schwannoma. ***Asian Pac J Cancer Prev.*** 2019;20(3):751-6. DOI: https://doi.org/10.31557/APJCP.2019.20.3.751

29. Fathi F, Faghih Z, Khademi B, Kayedi T, ***Erfani N**,** Gahderi A. PD-1 Haplotype Combinations and Susceptibility of Patients to Squamous Cell Carcinomas of Head and Neck. ***Immunol Invest.*** 2019;48(1):1-10. DOI: https://doi.org/10.1080/08820139.2018.1538235

30. Faghih Z, Abtahi S, Khademi B, Nikfarjam F, ***Erfani N****. Association of OX40 gene polymorphisms (rs17568G/A and rs229811A/C) with head and neck squamous cell carcinoma. ***Mol Biol Rep.*** 2019;46(3):2609-16. DOI: https://doi.org/10.1007/s11033-019-04602-3

31. Dorosti H, Eslami M, Negahdaripour M, Ghoshoon MB, Gholami A, Heidari R, Heidari, R. Dehshahri, A. ***Erfani, N***.et al. Vaccinomics approach for developing multi-epitope peptide pneumococcal vaccine. ***J Biomol Struct Dyn.*** 2019;37(13):3524-35. DOI: https://doi.org/10.1080/07391102.2018.1519460

32. Vakili B, Nezafat N, Hatam GR, Zare B, ***Erfani N,*** Ghasemi Y. Proteome-scale identification of Leishmania infantum for novel vaccine candidates: A hierarchical subtractive approach. ***Comput Biol Chem.*** 2018;72:16-25. DOI: https://doi.org/10.1016/j.compbiolchem.2017.12.008

33. Vakili B, Eslami M, Hatam GR, Zare B, ***Erfani N***, Nezafat N, et al. Immunoinformatics-aided design of a potential multi-epitope peptide vaccine against Leishmania infantum. ***Int J Biol Macromol.*** 2018;120(Pt A):1127-39. DOI: https://doi.org/10.1016/j.ijbiomac.2018.08.125

34. Sarvari J, Dowran R, Hosseini SY, Fattahi MR, ***Erfani N*.*** Association of PD-1 gene with outcome of hepatitis C virus infection. ***EXCLI J.*** 2018;17:935-44. DOI: https://doi.org/10.17179/excli2018-1394

35. 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. Middle ***East Journal of Cancer.*** 2018;9(1):13-7. URL: https://www.scopus.com/inward/record.uri?eid=2-s2.0-85039860009&partnerID=40&md5=cff3d213c27aeb790bb8d4bc4be01993

36. Negahdaripour M, Nezafat N, Eslami M, Ghoshoon MB, Shoolian E, Najafipour, S. Morowvat, M. H, Dehshahri, A., ***Erfani, N.,*** et al. Structural vaccinology considerations for in silico designing of a multi-epitope vaccine. ***Infect Genet Evol.*** 2018;58:96-109. DOI: https://doi.org/10.1016/j.meegid.2017.12.008

37. Faghih Z, Deihimi S, Talei A, Ghaderi A, ***Erfani N*.*** Analysis of T cell receptor repertoire based on Vbeta chain in patients with breast cancer. ***Cancer Biomark.*** 2018;22(4):733-45. DOI: https://doi.org/10.3233/CBM-181295

38. Rashidi M, Seghatoleslam A, Namavari M, Amiri A, Fahmidehkar MA, Ramezani A, Eftekhar E, Hosseini A, ***Erfani N***, et al. Selective Cytotoxicity and Apoptosis-Induction of Cyrtopodion scabrum Extract Against Digestive Cancer Cell Lines. ***International Journal of Cancer Management***. 2017;10(5). DOI: https://doi.org/10.5812/ijcm.8633

39. Negahdaripour M, Eslami M, Nezafat N, Hajighahramani N, Ghoshoon MB, Shoolian E, Dehshahri A, ***Erfani N***, et al. A novel HPV prophylactic peptide vaccine, designed by immunoinformatics and structural vaccinology approaches. ***Infect Genet Evol***. 2017;54:402-16. DOI: https://doi.org/10.1016/j.meegid.2017.08.002

40. Menezes J, Edraki N, Kamat SP, Khoshneviszadeh M, Kayani Z, Mirzaei HH, Miri R, ***Erfani N***, et al. Long Chain Alkyl Esters of Hydroxycinnamic Acids as Promising

Anticancer Agents: Selective Induction of Apoptosis in Cancer Cells. ***J Agric Food Chem***. 2017;65(33):7228-39. DOI: https://doi.org/10.1021/acs.jafc.7b01388

41. 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. DOI: https://doi.org/10.1684/ecn.2017.0388

42. 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. DOI: https://doi.org/10.1080/08820139.2017.1296858

43. Haghshenas MR, Dabbaghmanesh MH, Miri A, Ghaderi A, ***Erfani N****.* Association of PDCD1 gene markers with susceptibility to thyroid cancer. ***J Endocrinol Invest.*** 2017;40(5):481-6. DOI: https://doi.org/10.1007/s40618-016-0579-5

44. Yadegari ZS, Akrami H, Hosseini SV, ***Erfani N***. miR-146a gene polymorphism and susceptibility to gastric cancer. ***Br J Biomed Sci***. 2016:1-3. DOI: https://doi.org/10.1080/09674845.2016.1233790

45. Shahsavani MB, Ahmadi S, Aseman MD, Nabavizadeh SM, Rashidi M, Asadi Z, ***Erfani N,*** et al. Anticancer activity assessment of two novel binuclear platinum (II) complexes. ***J Photochem Photobiol B***. 2016;161:345-54. DOI: https://doi.org/10.1016/j.jphotobiol.2016.05.025

46. 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. DOI: https://doi.org/IJIv13i1A2

47. 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. DOI: https://doi.org/10.1111/odi.12496

48. Firouzabadi N, Ghazanfari N, Alavi Shoushtari A, ***Erfani N***, Fathi F, Bazrafkan M, et al. Genetic Variants of Angiotensin-Converting Enzyme Are Linked to Autism: A Case-Control Study. ***PLoS One***. 2016;11(4):e0153667. DOI: https://doi.org/10.1371/journal.pone.0153667

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50. Ebrahimi N, Rasoul-Amini S, Niazi A, ***Erfani N***, Moghadam A, Ebrahiminezhad A, et al. Cytotoxic and Apoptotic Effects of Three Types of Silver-Iron Oxide Binary Hybrid Nanoparticles. ***Curr Pharm Biotechnol***. 2016;17(12):1049-57. DOI: https://doi.org/10.2174/1389201017666160907143807

51. Bahramali E, Firouzabadi N, Yavarian I, Shayesteh MR, ***Erfani N***, Shoushtari AA, et al. Influence of ACE gene on differential response to sertraline versus fluoxetine in

patients with major depression: a randomized controlled trial. ***Eur J Clin Pharmacol***. 2016;72(9):1059-64. DOI: https://doi.org/10.1007/s00228-016-2079-0

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Participation in Congresses and Symposiums

- More than 100 oral or poster presentations at international congresses
- Scientific Secretory of the Second National Symposium on "Immune cell Therapy", 16 Feb 2017, Shiraz, Iran
- Member of the Scientific committee at:
  - the 1st International Student Congress on Cell & Molecular Medicine (ISCCMM) 17-19 Feb 2011, Shiraz, Iran
  - the 11th International Congress of Immunology & Allergy of Iran, April 26-29, 2012, Tehran, Iran
  - the 12th International Congress of Immunology & Allergy of Iran, April 29-May 2, 2014, Tehran, Iran
  - the 13th International Congress of Immunology & Allergy of Iran, April 2016, Tabriz, Iran
  - the 14th International Congress of Immunology & Allergy of Iran, April 2018, Tehran, Iran
  - the 15th International Congress of Immunology & Allergy of Iran, April 2021, Ahwaz, Iran

- the incoming 16th International Congress of Immunology & Allergy of Iran, to be held on April 2023, Tehran, Iran

Experiences and skills

Laboratoy Skills:

1. Expert in cell culture, Flowcytometry and several other immunological based techniques including: Immunohistochemistry, ELISA, IF (ANA), RIA, MLC, Proliferation assay, NK activity, HLA typing, and Immunoelectrophoresis
2. Expert in molecular based techniques including: DNA sequencig and bioinformatics anlaysis, Fragment-analysis, DHPLC, DNA extraction from blood and tissues, PCR (different types), RFLP, SSCP, SDS-PAGE, DNA PAG & Agarose Gel Electrophoresis
3. Proficint in HLA typnig
4. Expert in protein preparation for proteomics from hole cell lysate, cell secreted vesicles and body fluids, Western blothing, 2DE, 2DE-DIGE

Computer skills:

1. Proficient in **Bioinformatics** software packages, including: **DNAsisMax**, ***Gene Runner***, *DNAstar*, and MASCOT search engine
2. Proficient with Flowcytometric analysis using **CellQuest**, **CellQuest-Pro** and FACS-**DIVA** software pakages.
3. Expert in **Arlequin**; the software pakage for **population genetics** and haplotyp analysis
4. Familiar with **Biostatistics** software packages, including: SPSS (both data assembly and analysis) and EpiInfo
5. Expert in **bibliography (reference managing)** software packages: "EndNote" and "Reference Manager"
6. Expert in **WebSite design** and management using IcarusPLus software pakage.

Workshops:

1. Holding and teaching at more that 80 workshops on "EndNote, bibliographic software package", for faculty members and/or graduate students, Medical universities around the county. 2008-now
2. Holding and teaching at more that 15 Workshop on "Flowcytoetry, basics and applications", for faculty members and/or post graduate students, Medical universities around the county. 2008-now
3. Holding and teaching at more that 5 Workshop on "DNA sequencing", faculty members and post graduate students, Medical universities around the county. 2010-now
4. Holding and teaching at more that 18 workshops on "Research Profiles and Scientific Social Networks", for faculty members and/or graduate students, Medical universities around the county. 2012-now
5. Teaching the "research methedology" to postgraduate students attending "Resident-as-a-teacher" workshops hold by EDC, Shiraz University of Medical Sciences, 2011-2012.

Hobbies

Swimming, Soccer, Poem, Music, Calligraphy, Movie