


CURRICULUM VITAE- Nasrollah Erfani, PhD

Last Update: April 20, 2012

	<p>Surname: Erfani First Name: Nasrollah Current Position: Assistant Professor of Immunology Address: Institute for Cancer Research (ICR) Medical school Shiraz University of Medical Sciences P.O. Box: 71345-3119 Shiraz-Iran Tel: +98(0)711 2303687 Fax: +98(0)711 2304952 E-mail: erfanin@sums.ac.ir</p>
<p>Personals: Date of Birth: November 28, 1973 Place of Birth: Behbahan, Iran Residency: Shiraz, Iran Marital status: Married Child: 1</p>	
<p>Find me at authors' profiles systems:</p> <ul style="list-style-type: none">➤ ISI Researcher ID: C-9376-2011 URL: http://www.researcherid.com/rid/C-9376-2011➤ Scopus author ID: 8663943500 URL: http://www.scopus.com/authid/detail.url?authorId=8663943500➤ Google (scholar) citation service: URL: http://scholar.google.com/citations?user=be_ssooAAAAJ&hl=en➤ ORCID (Open Researcher & Contributor ID): URL: http://about.orcid.org/civicrm/profile/view?reset=1&id=1369&gid=5	
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QUALIFICATIONS and TRAININGS

- ☒ B.Sc. in Biology, Faculty of Sciences, Razi University, Kermanshah – Iran, 1992-1996
- ☒ M.Sc. in Immunology, Medical School, Shiraz University of Medical Sciences, Shiraz - Iran, 1999 - 2002
- ☒ Ph.D. in Immunology, Medical School, Shiraz University of Medical Sciences, Shiraz – Iran, 2002 – 2008
- ☒ Sabbatical during PhD (Scholarship from Iranian Ministry of Health and Medical Education): Cancer Proteomics, Joint proteomics laboratory (JPSL), Ludwig Institute for Cancer Research, Melbourne, Australia. April 2006-November 2006

Special trainings:

- Medical education fellowship, Shiraz University of Medical Sciences, Shiraz, Iran. One month; from November to December 2011
- E-learning fellowship, Shiraz University of Medical Sciences, Shiraz, Iran. One month; from April 2012 (going on)

Honors during education:

- Member of "Gifted Talent Office"; Shiraz University of Medical Sciences during PhD study
- Honor postgraduate student of the University, Shiraz University of Medical Sciences, Years 2004 & 2005 & 2006
- PhD scholarship by Shiraz University of Medical Sciences: 2003-2008
- 1st Rank promoted in PhD written entrance-exam in Immunology, Iran's Ministry of health and medical education. 2002
- Honor student of Immunology Department, Shiraz University of Medical Sciences, 2001

ADMINISTRATIONS

- Head of Cancer Immunology/Immunogenetics laboratory, Shiraz Institute for Cancer Research, March 2008 -now
- Executive Deputy, Shiraz Institute for Cancer Research- June 2008 –now
- Head of the educational- and faculty-member affairs of the research institutes, Shiraz University of Medical Sciences- June 2011-now

Other executive activities

1. Member of the Editorial board in following journals:
 - Research J Immunology (2009 to 2011)
 - Int. J. Cancer Research (2009 to 2011)
2. Registered reviewer in following journals:
 - Iranian journal of immunology
 - Middle East journal of cancer
 - Iranian journal of medical sciences
 - Hepatitis monthly
3. Member of Scientific committee at:
 - the 1st International Student Congress on Cell & Molecular Medicine (ISCCMM) 17-19 Feb 2011, Shiraz, Iran
4. Representative of:
 - the Shiraz Institute for Cancer Research in Iranian Molecular Medicine Network (2009 to now)
 - the Shiraz University of Medical Sciences in the research workgroup at Fars-province government-office; 2010 to now

MEMBERSHIP

- Faculty member, Molecular Medicine group, Graduate school of advanced biomedical sciences, Shiraz university of Medical sciences, Shiraz, Iran, 2010-now
- Member of the stirring committee, Iran's Cancer Research Network (March 2011-now)
- Member of the Cancer committee at Vice Chancellery for Health Affairs, Shiraz University of Medical Sciences
- Iranian's Society of Immunology & Allergy (<http://www.isiairan.net/>)
- Iranian's Proteomics Society (<http://www.proteomics.ir/>)

FIELD OF INTEREST

Cancer Immunology & Immunotherapy, Molecular Medicine and Bioinformatics, Proteomics, Biological activity and Immune-modulatory effects of anticancer agents

PUBLICATIONS

1. **Erfani N**, Mofakhami Mehrabadi Sh, Ghayumi MA, Haghshenas MR Mojtahedi Z, Ghaderi A, Amani . Increase of regulatory T cells in metastatic stage and CTLA-4 over expression in lymphocytes of patients with Non Small Cell Lung Cancer (NSCLC). *Articles in Press*, "Lung cancer", Acceptance date: April 19, 2012
2. Mojtahedi Z, **Erfani N**, Malekzadeh M, Haghshenas MR, Ghaderi A, Dehaghani AS. HER2 Ile655Val Single Nucleotide Polymorphism in Patients with Ovarian Cancer. *Articles in Press*, "Iranian Red Crescent Medical Journal". Acceptance date: 2012 February 10.
3. 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 Jun;8(2):90-5.
4. **Erfani N**, and Ghaderi A. Response to ctla-4 gene variations in southern Iranian patients with cervical cancer. *Gynecol Oncol*. 2011 Jun 1;121(3):641-2.
5. Haghshenas MR, Naeimi S, Talei A, Ghaderi A, **Erfani N***. Program death 1 (PDI) haplotyping in patients with breast carcinoma. *Mol Biol Rep*. 2011 Aug; 38(6):4205-10
6. Razmkhah M, Jaberipour M, **Erfani N**, Habibagahi M, Talei AR, Ghaderi A. Adipose derived stem cells (ASCs) isolated from breast cancer tissue express IL-4, IL-10 and TGF- β 1 and upregulate expression of regulatory molecules on T cells: Do they protect breast cancer cells from the immune response? *Cellular Immunology*, 2011, 266, 116-122.

7. Rahimifar Sh, **Erfani N**, Sarraf Z, Ghaderi A. ctla-4 gene variations may influence cervical cancer susceptibility. *Gynecol Oncol*. 2010 Oct;119(1):136-9
8. **Erfani N**, Razmkhah M, Ghaderi A. Circulating soluble CTLA4 (sCTLA4) is elevated in patients with breast cancer. *Cancer Invest*. 2010 28, 828-832
9. Khaghanzadeh N, **Erfani N**, Ghayumi MA, Ghaderi A. CTLA4 gene variations and haplotypes in patients with lung cancer. *Cancer Genetics and Cytogenetics*, 2010 January 15, 196(2): 171-174
10. Shayan S, Abdi AR, Zibaeenezhad MJ, Haghshenas MR, **Erfani N**, Ghaderi, A. Interleukin-18 gene polymorphism in patients with and without atherosclerotic coronary artery disease. *Iranian Cardiovascular Research Journal*, 2009, 3 (3): 158-163.
11. Yousefipour Gh, **Erfani N**, Momtahan M, Moghaddasi H, Ghaderi A, CTLA4 Exon-1 and Promoter Polymorphisms in Patients with Multiple Sclerosis (MS). *Acta Neurol Scand*. 2009 Dec; 120(6):424-9.
12. 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.
13. Faghieh Z, **Erfani N**, Razmkhah M, , Sameni S, Talei AR, Ghaderi A, Interleukine 13 (IL-13) haplotypes and susceptibility of Iranian women with breast cancer, "*Mol Biol Rep*" 2009 Sep;36(7):1923-8.
14. Ji H, **Erfani N**, Tauro BJ, Kapp EA, Zhu HJ, Moritz RL, Lim JWE, Simpson RJ, Difference gel electrophoresis (DIGE) analysis of Ras-transformed fibroblast cell-derived exosomes. "*Electrophoresis*", 2008 Jun;29(12):2660-71
15. Arandi N, Talei AR, **Erfani N**, Ghaderi A, Intracellular adhesion molecule-1 genetic markers (+241G/A and +469 A/G) in Iranian patients with breast cancer. "*Cancer Genetics and Cytogenetics*", 2008 May;183(1): 9-13
16. Khademi B, Razmkhah M, **Erfani N**, Gharagozloo M, Ghaderi A, SDF-1 and CCR5 genes polymorphism in patients with head and neck cancer. *Pathol Oncol Res*. 2008 Mar;14(1):45-50.
17. Hadinia A, Hosseni SV, Saberi-Firozi M, Fattahi MJ, **Erfani N**, Ghaderi A, Ctla-4 gene promoter and exon 1 polymorphism in Iranian patients with gastric and colorectal cancers. "*J Gastroenterol Hepatol*." 2007 Dec;22(12):2283-7

18. *Almasi S, Erfani N, Mojtahedi Z, Rajaei A, Ghaderi A.* Association of CTLA-4 gene promoter polymorphisms with systemic sclerosis in Iranian population. *Genes and Immunity.* 2006 Jul;7(5):401-6
19. *Erfani N, Razmkhah M, Talei AR, Pezeshki AM, Doroudchi M, Monabati A, Ghaderi A.* Cytotoxic T lymphocyte antigen-4 promoter variants in breast cancer. *Cancer Genetics and Cytogenetics,* 2006 Mar;165(2):114-20
20. *Razmkhah M, Doroudchi M, Ghayumi SMA, Erfani N, Ghaderi A.* Stromal Cell-Derived Factor-1 (SDF-1) gene and susceptibility of Iranian patients with lung cancer. *Lung Cancer.* 2005 Sep;49(3):311-5

➤ **Citation to Erfani's articles in International journals**

- ✓ **ISI citation report; up to April, 2012:**
 - Total citations: 139
 - H-index: 6
- ✓ **Google Scholar Citations; up to April, 2012:**
 - Total citations: 179
 - H-index: 7
 - i10 index: 7

PRESENTATIONS at congresses

1. *Hoseni Nassab F, Rahimifar S, Erfani N, Lotfi R, Farjadian S,* The effect of hyperthermia on the induction of UL16 binding proteins in a human liposarcoma cell line, 2011 Joint Annual Meeting, Italian Society of Immunology, Clinical Immunology and Allergology (SIICA) and German Society for Immunology (DGfI), September 28 - October 1, 2011, Riccion, Italy
2. **Erfani N,** Faghih Z, Daneshmand A, Talei A, OX40 genetic variations are not associated with susceptibility of Iranians to breast carcinoma. *The 4th Breast cancer Congress (TBCC4); November 2-4, 2011,* Tehran, Iran
3. Moghadasi Sani F, Haghshenas MR, Ghaderi A, **Erfani N,** CCR-4 variations at C1014T position in patients with Breast cancer. The 1st International Student Congress on Cell & Molecular Medicine (ISCCMM) 2011 Feb 17th-19th, Shiraz, Iran
4. **Erfani N,** Haghshenas MR, Mohmedi Kartalaie M, Ghaderi A, The frequency of alleles and genotypes of PD-1 in patients with colorectal cancer and its association with the disease clinicopathological characteristics. The 1st International Student Congress on Cell & Molecular Medicine (ISCCMM) 2011 Feb 17th-19th, Shiraz, Iran

5. Farjadia S, Rahimifar S, Hosainin-nasab F, **Erfani N**, Ghaderi A, Lotfi R, Does hyperthermia increase the susceptibility of liposarcoma cells to NK cell analysis? 14th international congress of Immunology, 22-27 August 2010, Kobe, Japan
6. Arandi N, Talei AR, **Erfani N**, Ghaderi A, Interacellular Adhesion Molecule-1 Genetic Markers (+241 GA and +469A/G) in Iranian Women with Breast Cancer. 14th international congress of Immunology, 22-27 August 2010, Kobe, Japan
7. Kookhaie A, Vakili S, **Erfani N**, Haghshenas M, Salmanpour R, Ghaderi A. IL-18 promoter variations at position -607 C/A is associated with individuals susceptibility to Basal Cell Carcinoma. 14th international congress of Immunology, 22-27 August 2010, Kobe, Japan
8. Vakili S, Kookhaie A, Salmanpour R, Naieimi S, Ghaderi A, **Erfani N**. TGF- β -509 C allele and Cc genotype is associated with susceptibility to basal cell carcinoma. 14th international congress of Immunology, 22-27 August 2010, Kobe, Japan
9. Rahimifar Sh, **Erfani N**, Sarraf Z, Ghaderi AA. **CTLA-4** gene variants in cervical cancer. 14th international congress of Immunology, 22-27 August 2010, Kobe, Japan
10. Mojtahedi Z, Ghaderi A, **Erfani N**, Yousefi Z. Identification of autoantigens in breast cancer by two dimensional immunoblot *The 3rd Iranian Proteomics Congress, Pasteur Institute of Iran, May 26-27 2010, Tehran, Iran,*
11. Sarvari J, Mojtahedi Z, **Erfani N**, Monavari HR, Saberi-Firouzi M, Nakamura K, Shahrabadi M, Ghaderi AA, Proteome study of sera from chronic Hepatitis, Cirrhosis and Hepatocellular Carcinoma patients related to hepatitis B virus by 2-dimensional electrophoresis. *The 3rd Iranian Proteomics Congress, Pasteur Institute of Iran, May 26-27 2010, Tehran, Iran,*
12. Khademi B, Haghshenas MR, Kaiedi T, **Erfani N**, Mojtahedi Z, Ghaderi A, PD1.5 renders susceptibility to Head and Neck Squamous Cell Carcinoma. *10th International Congress of Immunology and Allergy of Iran, May 2010, Tehran-Iran*
13. **Erfani N**, Hashemi SB, Haghshenas MR, Hosseini MA, Naeimi S, Mojtahedi Z, Ghaderi A, Strong association of CTLA-4 variation (CT60A/G) and CTLA-4 haplotypes with predisposition of Iranian population to Head and Neck cancer. *10th International Congress of Immunology and Allergy of Iran, May 2010, Tehran-Iran*
14. Mofakhami Mehrabadi Sh, Amani D, **Erfani N***, Haghshenas MR, Ghayumi MA, Ghadaeri A. CTLA4 over-expression in intracellular compartments as well as on the surface of lymphocytes derived from patients with lung cancer.

10th International Congress of Immunology and Allergy of Iran, May 2010, Tehran–Iran

15. **Erfani N**, Ghayumi MA, Mofakhami Mehrabadi Sh, Amani D, Haghshenas MR, Mojtahedi Z, Ghaderi A. Evidences of Treg cells increase before metastasis in patients with non small cell lung cancer. (**Selected as the best poster presentation in the congress**). *10th International Congress of Immunology and Allergy of Iran, May 2010, Tehran–Iran*
16. Mojtahedi Z, Yousefi Z, **Erfani N**, malekzadeh M, Ghaderi A. Comparative proteomic analysis of SKBr3 and MCF7 breast cancer cell lines. *10th International Congress of Immunology and Allergy of Iran, May 2010, Tehran–Iran*
17. **Erfani N**, Naeimi S, Banitaba SH, Solouki S, Emami MJ, Ghaderi A. TGFβ1 -509 Codon polymorphism in Southern Iranian Patients with Malignant bone Tumors. *10th International Congress of Immunology and Allergy of Iran, May 2010, Tehran–Iran*
18. Naeimi S, **Erfani N**, Samsami A, Ghaderi A. Investigation of CTLA-4 gene polymorphisms in patient with ovarian cancer. *10th International Congress of Immunology and Allergy of Iran, May 2010, Tehran–Iran*
19. **Erfani N**, "New Molecular Methods in Management of Breast cancer in Early stages"- Invited speaker at the first symposium of "New methods in cancer management". Hold by the institute for cancer research and the vice chancellery of research, Shiraz university of medical sciences. Shiraz-Iran, 31 Jan 2010
20. Jaberipour M, Salimzadeh L, Hosseini A, **Erfani N**, Ghaderi A, Viral and non-viral gene transfer methods for genetic modification of human large cell cancer cell line. 10th Iranian Congress of Biochemistry and the 3rd International Congress of Biochemistry and Molecular Biology 16-19 November 2009
21. Mojtahedi Z, Ghaderi A, **Erfani N**, Sarvari J, Proteomics analysis of two breast cancer cell lines with different levels of HER2 expression, The 2nd Iranian Proteomics Congress, Royan Institute, April 23-25, 2009, Tehran, Iran, (**Selected as the best poster presentation in the congress**)
22. **Erfani N**, CTLA4 in cancer immunology and immunotherapy; new concepts and clinical applications (**Invited speaker**), 9th Iranian Congress of Immunology and Allergy, June 2008,, *Tehran–Iran*
23. **Erfani N**, Monabati A, Talei A, Ghaderi A, Flowcytometric analysis of tumor draining lymph nodes and peripheral blood from LN+ and LN- breast cancer patients with focus on CTLA4, 9th Iranian Congress of Immunology and Allergy, June 2008,, *Tehran–Iran*

24. **Erfani N, Talei A, Razmkhah M, Ghaderi A**, Circulating soluble CTLA4 (sCTLA4) is elevated in patients with breast cancer. *9th Iranian Congress of Immunology and Allergy, June 2008,, Tehran–Iran*
25. **Erfani N, Naeimi S, Faghih Z, Monabati A, Talei A, Ghaderi A**, A wide screening of *CTLA4* genetic markers and resulted haplotypes in breast cancer, *9th Iranian Congress of Immunology and Allergy, June 2008,, Tehran–Iran*
26. **Erfani N, Haghshenas MR, Naeimi S, Talei A, Ghader A**, Program death 1 (*PD1*) haplotyping in patients with breast cancer, *9th Iranian Congress of Immunology and Allergy, June 2008,, Tehran–Iran*
27. **Khaghanzadeh N, Erfani N, Ghayumi MA, Ghaderi A**. *Ctla-4* gene variants and haplotypes in patients with lung cancer. *The 2ND Congress of Immune-Mediated Disease. 10-14 September 2007, Moscow, Russia*
28. **Faghih Z, Erfani N, Razmkhah M, Sameni S, Talei AR, Ghaderi A**, IL-13 Serum Level and Gene Polymorphism at Positions -1512 A/C, 1055C/T and +2044 G/A in Southern Iranian Women With Breast Cancer. *The 9th Iranian Congress of biochemistry & the 2th International Cogress of Biochemistry and Molecular Biology., Oct.29-Nov, 1, 2007, Shiraz- IRAN*
29. **Ghayumi MA, Khaghanzadeh N, Erfani N, Ghaderi A**, Cytotoxic T-lymphocytes antigene-4 (*CTLA-4, CD152*) -318 C/T and exon 1 [+49A/G] genetic markers and detection of s*CTLA-4* level in the sera of patients with Lung Cancer. *International Conference of Recent Advances in Clinical Oncology, 2007 February 19-22, Emirates*
30. **Erfani N, Ghaderi A**, Programed Death 1 (*PD 1*) +872 C/T Genetic Marker in Patients with Breast Cancer. *16th European Congress of Immunology, 2006 Septamber 6-9, Paris, France*
31. **Almasi S, Erfani N, Rajaee A, Doroudchi M, Ghaderi A**, Association of *Ctla-4* promoter Polymorphism with Systemic Sclerosis (SSc). *The 8th Iranian Congress of Immunology & Allergy, 16-18 May 2006, Tehran, Iran*
32. **Fattahi MJ, Rajaiee A, Erfani N, Ghaderi A**, Suerm Level of Ca125, CA 19.9, and AFP in Iranian Patients with Sceloroderma. *The 8th Iranian Congress of Immunology & Allergy, 16-18 May 2006, Tehran, Iran*
33. **Hadinia A, Hosseini SV, Saberfirouzi M, Erfani N, Ghaderi A**, *Ctla-4* Promoter and exon-1 polymorphisms in Iranian Patients with Gastric and Colorectal Cancers. *The 8th Iranian Congress of Immunology & Allergy, 16-18 May 2006, Tehran, Iran*
34. **Faghih Z, Talei AR, Erfani N, Razmkhah M, Ghaderi A**, Association of *IL13* gene polymorphisms at Position -1512 A/C and +2044 G/A in Iranian Patients

- with Breast Cancer. *The 8th Iranian Congress of Immunology & Allergy, 16-18 May 2006, Tehran, Iran*
35. Razmkhah M, Khademi B, **Erfani N**, Gharagozloo M, Ghaderi A, SDF-1 and CCR5 Genes polymorphisms in patients with Head and Neck Cancer. *The 8th Iranian Congress of Immunology & Allergy, 16-18 May 2006, Tehran, Iran*
36. **Erfani N**, Talei A, Razmkhah M, Khalili-Azad T, Pezeshki AM, Monabati A, Doroudchi M, Ghaderi A. Cytotoxic T lymphocyte Antigen-4 Promoter Variants in Breast Cancer. *The European Cancer Conference (ECCO) 13, 30 October -3 November, 2005, Paris, France*
37. Arandi N, **Erfani N**, Pezeshki AM, Talei A, Samsami A, Doroudchi M, Ghaderi A. Investigation of ICAM-1 Genetic Markers (+241 G/A & +469 A/G) in Patients with Breast Cancer. *The European Cancer Conference (ECCO) 13, 30 October -3 November, 2005, Paris, France*
38. Razmkhah M, Doroudchi M, Ghayumi SMA, **Erfani N**, Ghaderi A. Stromal Cell-Derived Factor-1 (SDF-1) gene and susceptibility of Iranian patients with lung cancer. *The 3rd Regional Conference of the Asian Pacific Organization for Cancer Prevention (APOCP) 25-27 April, 2005, Zibakenar, Rasht, Iran.*
39. **Erfani N**, Rasouli M, Gharesi-fard B, Sarvari J, Taleie A, Kamali-Sarvestani E. The polymorphism in IL-4 promoter Region (C-590T) in Iranian Patients with Breast Cancer. *The 6th Iranian Congress of Immunology and Allergy, May, 2002, Tehran-Iran*
40. Gharesi-fard B, **Erfani N**, Rasouli M, Sarvari J, Kamali-sarvestani E. Frequency of bi-allelic polymorphisms in four different cytokine genes and their genotype frequencies in southern Iranian population. *The 6th Iranian Congress of Immunology and Allergy. May, 2002, Tehran -Iran*
41. **Erfani N**, Rasouli M, Gharesi-fard B, Taleie A, Kamali-sarvestani E. Polymorphism in TNF-alpha promoter region and the first intron of LT-alpha gene (+252) in Iranian patients with Breast cancer. *The 6th Iranian Congress of Immunology and Allergy. May, 2002, Tehran -Iran*
42. Rasouli M, **Erfani N**, Sarvari J, Gharesi-fard B, Kamali-sarvestani E. Polymorphisms in the TNF- α (-308) gene promoter and the first intron of LT- α (+252) gene in patients with Cutaneous Leishmaniasis. *The 6th Iranian Congress of Immunology and Allergy. May, 2002, Tehran -Iran*
43. Gharesi-fard B, Zolghadri J, Zare H, **Erfani N**, Rasouli M, Kamali-sarvestani E. Different pattern of cytokine production between recurrent spontaneous Abortion (RSA) patients and controls during One-way mixed lymphocytic culture (MLC) with her partner's mononuclear cells. *The 6th Iranian Congress of Immunology and Allergy. May, 2002, Tehran - Iran*

44. Gharesi-fard B, **Erfani N**, Rasouli M, Alborzi A, Behzadbehbahani A, Nateghyan AR, Kamali-sarvestani E. Polymorphism of TNF-alpha promoter region and *Nco I* polymorphism in the first intron of Lymphotoxin-alpha gene in Iranian vaccinees with BCG Adenitis. *The 6th Iranian Congress of Immunology and Allergy, May, 2002, Tehran –Iran*
45. Rasouli M, **Erfani N**, Mortazavi H, Gharesi-fard B, Kamali-arvestani E. Polymorphisms of IL-10 and IL-4 gene promoter region in patients with healing and chronic Cutaneous Leishmaniasis (CL). *The 6th Iranian Congress of Immunology and Allergy, May, 2002, Tehran –Iran*
46. Rasouli M, **Erfani N**, Gharesi-fard B, Gorgi E, amali-sarvestani E. In vivo Evaluation of Cell-Mediated Immunity (CMI) in Cutaneous Leishmaniasis (CL) before and after healing by Leishmanin Skin Test (LST). *The 6th Iranian Congress of Immunology and Allergy. May, 2002, Tehran – Iran*
47. Nikseresht AR, Gharesi-fard B, Sarvari J, Rasouli M, **Erfani N**, Kamali-sarvestani E. Polymorphism of TNF-alpha promoter region (-308) and the first intron of Lymphotoxin-alpha gene (+252) in Iranian patients with Multiple Sclerosis (MS). *The 6th Iranian Congress of Immunology and Allergy .May, 2002, Tehran –Iran*
48. Gharesi-fard B, Zolghadr J, Rasouli M, **Erfani N**, Sarvari J, Kamali-sarvestani E. Cytokine gene polymorphisms in women with Recurrent Spontaneous Abortion. *The 6th Iranian Congress of Immunology and Allergy .May, 2002, Tehran –Iran*
49. Kamali-sarvestani E, Zare HR, Zolghadri J, Gharesi-fard B, Rasouli M, **Erfani N**. *The effects of parental leukocyte Immunization on NK cell activity in Recurrent Spontaneous Abortion (RSA). The 6th Iranian Congress of Immunology and Allergy .May, 2002, Tehran –Iran*
50. Gharesi-fard B, Golchin A, **Erfani N**, Taleie A, Kamali-sarvestani E. Expression of IL-4 Receptor (IL-4R) in Breast Cancer and its Relation to other Prognostic Factors. *The 11th International Congress of Immunology, 22-27 July, 2001, Stockholm- Sweden*
51. Taleie A, Gharesi-fard B, **Erfani N**, Golchin A, Kamali-sarvestani E. Polymorphism in TNF-alpha promoter region in Iranian patients with Breast cancer. *The 11th International Congress of Immunology, 22-27 July, 2001, Stockholm- Sweden*
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EXPERINCES 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 Immuno-electrophoresis
2. Expert 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. Protein preparation for proteomics from hole cell lysate, cell secreted vesicles and body fluids, Western blotting, 2DE, 2DE-DIGE

Computer skills:

1. Proficient with **Bioinformatics** software packages, including: **DNAsisMax**, **Gene Runner**, **DNAsstar**, and MASCOT search engine
2. Proficient with Flowcytometric analysis using **CellQuest** and **CellQuest-Pro** 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. (websites desighned and managed: **Shiraz Institute for Cancer Research** (www.icr.ir), PhD by Research website at Shiraz University of Mediacl Sciences (<http://research.sums.ac.ir/phd-by-research/index.html>))
7. Proficient in using **electronic data banks** including: PubMed, My NCBI, ISI, Elsevier, EBSCo, Springer and etc.

Teaching Experiences:

1. Advanced Immunology, Phd-by-resaerch students, Shiraz Medical School, Shiraz Iran, 2011-212
2. Immunology, for faculty fellowship canditates of GYN department, Shiraz Medical School, Shiraz Iran, 2011
3. Applied Immunology, for PhD students of pharmaceutical biotechnology, Shiraz School of Farmacutical Sciences, Shiraz, Iran 2010-2011
4. DNA seqencing, Aplied bacteriology course, For MSc students of microbiology department, Medical school, Shiraz Iran, 2010
5. Immunology for PhD & MSc students of Immunology, Shiraz Medical school, 2004-2006
6. Immunology for students of Medicen, Dientistry & Pharmacy, Shiraz Medical school, 2005
7. Immunology for MSc students of Microbiology, Shiraz Medical school, 2003-2005

8. Immunology for BSc students of Laboratory Sciences (Medical Lab Technology), Nursing & Midwifery. Shiraz university of Medical Sciences, 2003-2004
9. Immunology and serology for the students of laboratory sciences (Medical Lab Technology), JAHAD-E-DANESHGAHI, Phars, Iran - 2002
10. Immunological methods (as teaching assistant) for the students of Medicine, Dentistry & Pharmacy Department of immunology, Medical school, Shiraz - Iran, 1999 -2002

Holding and teaching at the workshops:

1. Teaching at the 3rd Royan workshop of flowcytometry and cell sorting by FACS and MACS. Hold by the Royan Institute, Tehran, Iran. From 18th to 20th October 2011.
2. Holding and teaching at the Workshop on the “flowcytoetry, basics and applications”, for faculty members and/or graduate researchers, Bushehr University of Medical Sciences, July 26 and 27, 2011, Bushehr, Iran
3. Tachin the “research methodology” at the Fourth National Resident Education Program named as “Resident as a teacher”, hold by EDC of Shiraz University of Medical Sciences, from Septamber 17th to October 13th 2011.
4. Eight workshopes on "EndNote-X5", for faculty members and/or graduate students, Shiraz Medical School, Shiraz University of Medical Sciences, December 2011 to March 2012. Shiraz, Iran
5. Eight workshopes on "EndNote-X4", for faculty members and/or graduate students, Shiraz Medical School, Shiraz University of Medical Sciences, Febriary to November 2011. Shiraz, Iran
6. Holding and teaching at the Workshop on the basics of “flowcytoetry”, for the research assistants of Shiraz Medical School, Shiraz University of Medical Sciences, Febriary 9, 2011, Shiraz, Iran
7. The Workshop of “DNA sequencing”, for the research assistants of Shiraz Medical School, Shiraz University of Medical Sciences. January 10, 2011, Shiraz, Iran
8. Fifteen workshopes on "EndNote-X3", for faculty members and/or graduate students, Shiraz Medical School, Shiraz University of Medical Sciences, December 2009 to Januray 2011.
9. A workshops on "EndNote-X3", for the attendances of 10th Iranian Congress of Immunology and Allergy, May 2010, Shahid-Beheshti university, Tehran–Iran

10. Ten worrkshopes on "EndNote-X2", for faculty members and/or Graduate students, Shiraz Medical School, Shiraz University of Medical Sciences, Febriary 2009 to November 2009.
11. A workshop on "EndNote-**X2**", for the members of "Iranian Molecular Medicien Network", Pasteur Institute of Iran, Tehran, March 4, 2009
12. Two elementary workshops on "EndNote V9" for faculty members and assistant investigators. Shiraz Medical School, Shiraz University of Medical Sciences, Dec 25 and Oct 9, 2008, 2008

ONGOING RESEARCHES:

Currently working as the head of Cancer Immunology research laboratory and co-working with Proteomics laboratory at Shiraz Institute for Cancer Research (ICR).

The main goals of the projects under taken are:

- 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 microparticles and newly designed therapeutic agents
- Cancer Proteomics; biomarkers, gold standards for screening, therapy and vaccine design
- Molecular analysis of the immune-related genes in patients with cancers
- Cancer Bio-bank