

Seyyed Abdorrahim Rezaee, PhD



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Education

- 2000-2005 PhD. (Medical Immunovirology) Thesis: Immunovirology, 'Cloning, Production, structural studies and immunomodulatory activities of KSHV vOX2, University of Glasgow, UK
- 1983-1986 MSc. Immunology, Evaluation of serum β 2 microglobulin, hematologic parameters and kidney function in renal transplantation, Tehran University of Medical Sciences, Iran
- 1980-1983 BSc: Biology, Histological study of Bursa Fabricius and Thymus development in the chicken. Ferdowsi University of Mashhad

Appointments

- 2006- Now Lecturer in Immunovirology, Mashhad University of Medical Sciences (MUMS)
- 2006- 2007 Fellow Researcher, Cancer Studies, Medical School, University of Birmingham
- 1994- 2009 Part time lecturer in Immunology, Azad University, Mashhad Branch
- 1996-2001 Quest lecturer in Immunology, Azad University of Yazd
- 1993-1994 Lecturer in Semnan University of Medical Sciences, Semnan, Iran,

Post-doctoral experience

- 2006 Dr. Blackburn's Lab, Cancer Research UK Institute for Cancer Studies, Medical School, University of Birmingham

Honours

- 2010- Now Executive Director: HTLV-I Foundation , Mashhad University of Medical Sciences (MUMS)
- 2007- Now The Blood Transfusion Organization (Khorasan Razavi province), member of Research Council
- 2007- 2010 Elected research Committee member, The planning Committee for Heart Researches in Mashhad University of Medical Sciences (MUMS)
- 2007-2009 The Ethical Committee for Medical Research, Mashhad University of Medical Sciences (MUMS), Member
- 2008- Now Honored Academic Member of School of Advanced Technologies in Medicine,

- 2006-Now MUMS
The Iranian Academic Centre for Education (Khorasan Branch), member of Research Council
- 2010-Now The Iranian Academic Centre for Education (Khorasan Branch), member of research Committee for Hepatitis, AIDS and HTLV-I

Professional services and Administrative positions

- 2007- 2010 Mashhad University of Medical Sciences (MUMS): The Research Council member
- 2007- 2010 Mashhad University of Medical Sciences (MUMS): member of the Ethic Committee for Biomedical research
- 2007-2008 Deputy-Vice Chancellor of Research, Mashhad University of Medical sciences
- 2009- 2010 Conference organiser: The 1st Iranian International Congress on HTLV-I and Associated Diseases , Mashhad University of Medical Sciences (MUMS)
- 2008 Scientific Director, The real time PCR seminar and workshop, 2008
- 2007 Scientific Director, The stem cell therapy in Multiple Sclerosis and HAM/TSP, 2007
- 2008-now Editorial Board member, Journal of Basic Medical Sciences, MUMS.
- 2011 Scientific Director, The Real Time PCR seminar and workshop, 2011, 12th Biochemistry congress. Mashhad, Iran

Society membership

- 2008- now Member of the Iranian Society of Biomedical laboratory in molecular diagnostic
- 2008- now Member of the Iranian Society for Immunology
- 2010-now Member of the Iranian Medical Council
- 2005-2006 Member of the Society for General Microbiology, UK

Grant reviewer

Avicenna Research Institute, Mashhad University of Medical Sciences Research council. Azad University (Mashhad Branch), The Blood Transfusion Organization (Khorasan Razavi provience), The IACE (Mashhad Branch).

Awards

- 2010 Local Award for medical book, Diagnostic Virology, MUMS press, 2009
- 1998 National Award for Medical year book (1998), Cellular and Molecular Immunology, IACE, Khorasan Branch press.

Virus Sequencing

Collaboration in complete genome sequencing of HHV-8 |
(Human herpesvirus 8 strain GK18, complete genome
GenBank: AF148805.2 FASTAGraphics
LOCUS AF148805 137969 bp DNA linear VRL 15-OCT-2009
DEFINITION Human herpesvirus 8 strain GK18, complete genome.
ACCESSION AF148805 VERSION AF148805.2 GI:87196820
SOURCE Human herpesvirus 8 (Kaposi's sarcoma-associated herpesvirus)
ORGANISM Human herpesvirus 8

Viruses; dsDNA viruses, no RNA stage; Herpesvirales; Herpesviridae; Gammaherpesvirinae; Rhadinovirus.

REFERENCE 1 (bases 115410 to 137969)

AUTHORS Glenn,M., Rainbow,L., Aurade,F., Davison,A. and Schulz,T.F.

TITLE Identification of a spliced gene from Kaposi's sarcoma-associated herpesvirus encoding a protein with similarities to latent membrane proteins 1 and 2A of Epstein-Barr virus

JOURNAL J. Virol. 73 (8), 6953-6963 (1999)

PUBMED 10400794

AUTHORS Rezaee,S.A., Cunningham,C., Davison,A.J. and Blackbourn,D.J.

TITLE Kaposi's sarcoma-associated herpesvirus immune modulation: an overview

JOURNAL J. Gen. Virol. 87 (PT 7), 1781-1804 (2006)

International Patents

United Kingdom Patent Application No. 0506721.0: "Soluble Immunoregulatory Factor" D.J. Blackbourn and **Razaee S.** Filed in national territories UK. World intellectual property:

WO 2006/103472 A2,

Razaee Seyyed Abdolrahim - Inventor (1 - 2 of 2 results)

- 1- Blackbourn David J, **Razaee Seyyed Abdolrahim**: Soluble immunoregulatory factor. Univ Glasgow May, 21 2008: CN 200680018907
- 2- Blackbourn David J, **Razaee Seyyed Abdolrahim**: Soluble KSHV vox2 protein as immunoregulatory factor. The University Court Of The University Of Glasgow Oct, 5 2006: WO 2006/103472

The invention provides soluble derivatives of the vOX2 protein encoded by Kaposi's sarcoma-associated herpesvirus (KSHV), and their use for the treatment of inflammatory disorders such as autoimmune diseases, allergy and graft rejection.

Research papers

- 1- Abbas A Amini; Alexandra S Solovyova, Ph.D; Hamid Sadeghian, Ph.D; David J Blackbourn, Ph.D; **S.A Rahim Rezaee**, Ph.D Structural properties of a viral orthologue of cellular CD200 protein: KSHV vOX2. Virology, Volume 474, 1 January 2015, Pages 94–104
- 2- Bita Saifi, **S. A. Rezaee**, Nader Tajik, Mahmood Erfanian Ahmadpour, Mahnaz Ashrafi, Rosita Vakili, , Sara SoleimaniAsl, Reza Aflatoonian, Mehdi Mehdizadeh Th17 cells and related cytokines in unexplained recurrent spontaneous miscarriage at the implantation window, Reproductive BioMedicine, July 10, 2014, DOI: <http://dx.doi.org/10.1016/j.rbmo.2014.06.008>
- 3- Ahmadi ghezeldasht S, Hassannia T, Rafatpanah H, Hekmat R, Valizadeh N, Ghayour Mobarhan M, **Rezaee S, A**, Oncogenic virus infections in general population and end-stage renal disease patients with special emphasis on Kaposi's sarcoma associated herpes virus (KSHV) in Northeast Iran, J Journal of Microbiology.
- 4- Mohammad Taghi Bahreyni-Toossi, Reza Fardid, **Abdolrahim Rezaee**, Ariane Sadr-nabavi, Houshang Rafatpanah, Mohammad Bolbolian Expression of apoptotic genes can distinguish radiation workers from normal population, International Journal of Low Radiation, 2011,(5), 388-399

- 5- Chenari M, Norouzi M, Ghalichi L , **Rezaee A**, *et al*, Characterization of overt and occult hepatitis B virus infection among HTLV-1 positive healthy carriers in the Northeast of Iran; An HTLV-I endemic arear, *Journal of Medical Virology*, 13 AUG 2014 DOI: 10.1002/jmv.24046
- 6- Fazeli B, Rafatpanah H, Ravari H, Farid R, . . . , **Rezaee SAR**. Sera of patients with thromboangiitis obliterans activated cultured human umbilical vein endothelial cells (HUVECs) and changed their adhesive properties. *International Journal of Rheumatic Diseases* 2014; 17: 106–112
- 7- Khajedaluae M, Babaei A, Vakili R, Valizade N, Homaei Shandiz F, Derakhshan M, Seyed Nozadi S.M, **Rezaee SA**, Prevalence of blood-borne tumor viruses (HCV, HBV, HTLV-1, and KSHV) and related risk factors among prisoners in northeast Iran , *International Journal of Infectious Diseases*, with NO: IJID-D-13-00680R2 accepted for publishing on 19 Nov 2013
- 8- Ahmadi S, Hassannia T, Rafatpanah, **Rezaee SAR**, Oncogenic virus infections in general population and end-stage renal disease patients with special emphasis on Kaposi's sarcoma associated herpes virus (KSHV) in Northeast Iran (ID: 14920, accepted in *Jundishapur Journal of Microbiology*, on 28th December 2013)
- 9- Ghada Kchour, **S. A. Rahim Rezaee**, Reza Farid, Akram Ghantous, Houshang Rafatpana, Mahdi Tarhini, et al, The Combination Of Arsenic, Interferon-Alpha, and Zidovudine Restores An “Immunocompetent-like” Micro-Environment In Patients With Adult T-Cell Leukemia/Lymphoma. *Blood*, 2013 vol. 122 no. 21: 510
- 10- K Fatemi, M Radvar, A Rezaee, H Rafatpanah, H Azangoo khiavi, Y Dadpour, Comparison of relative TLR-2 and TLR-4 expression level of disease and healthy gingival tissue of smoking and non-smoking patients and periodontally healthy control patients. *Australian Dental Journal*, September 2013, 58 (3): p315–320
- 11- Kchour G, **Rezaee SR**, Farid R, Ghantous A, Rafatpanah H, Tarhini M, Kooshyar MM, El Hajj H, Berry F, Mortada M, Nasser R, Shirdel A, Dassouki Z, Ezzedine M, Rahimi H, Ghavamzadeh A, de Thé H, Hermine O, Mahmoudi M, Bazarbachi A. The combination of arsenic, interferon-alpha, and zidovudine restores an "immunocompetent-like" cytokine expression profile in patients with adult T-cell leukemia lymphoma. *Retrovirology*. 2013 10(1):91
- 12- Ahmadi Ghezeldasht S, Mir I R, Hedayatimoghadam M Shamsian A, Bidkhorji H, Fathimoghadam F, **Rezaee SA**. Population Movement and Virus Spreading: HEV Spreading in a Pilgrimage City, Mashhad in Northeast Iran; an Example. *Hepatitis Monthly*. 2013 August; 13(8): e10255. DOI: 10.5812/hepatmon.10255
- 13- Haghiri H, **Rezaee AA**, Nomani H Sankian M, Kheradmand H, Hami J. Sexual dimorphism in expression of insulin and insulin-like growth factor-I receptors in developing rat cerebellum. *Cell Mol Neurobiol*. 2013 Apr;33(3):369-77. doi: 10.1007/s10571-012-9903-6
- 14- Haghiri H, **Rezaee AA**, Sankian M, Kheradmand H, Hami J. The effects of induced type-I diabetes on developmental regulation of insulin & insulin like growth factor-1 (IGF-1) receptors in the cerebellum of rat neonates. *Metab Brain Dis*. 2013 Sep;28(3):397-410. doi: 10.1007/s11011-013-9386-2
- 15- Ahmadi Ghezeldasht S, Shirdel A, Assarehzadegan MA, Hassannia T, Rahimi H, Miri R, **Rezaee S. AR**. Human T Lymphotropic Virus type I (HTLV-I) oncogenesis: molecular aspects of virus and host interactions in pathogenesis of Adult T cell leukemia/lymphoma (ATL). *Iran J Basic Med Sci*: 2013. 16 (3):179-195
- 16- Fazeli B, Rafatpanah H, Ravari H, Hosseini RF, **Rezaee SA**. Investigation of the expression of mediators of neovascularization from mononuclear leukocytes in thromboangiitis obliterans. *Vascular*. 2013 (Epub ahead of the print)
- 17- Taghaddosi M, **Rezaee SA**, Houshang Rafatpanah H, araneh Rajaei T, Farid Hosseini Reza, Valizadeh N. Association between HLA Class I Alleles and Proviral Load in HTLV-I

- Associated Myelopathy/Tropical Spastic Paraparesis (HAM/TSP) Patients in Iranian Population. 2013. *IJBMS*. 16(3): 264-267
- 18- Khosravani AM, **Rezaee SA**, Mansourian S.A. The impact of two purified forms of B. Pertussis CyaA on leukocyte oxidative burst. *Jundishapur Journal of Microbiology*, 6 (3), 2013
- 19- Azarpazhooh MR, Hasanpour K, Ghanbari M, **Rezaee SAR**, Mashkani B, Hedayati MR Human T-lymphotropic virus type 1 prevalence in Northeastern Iran, Sabzevar: an epidemiologic-based study and phylogenetic analysis. *AIDS research and human retroviruses*, 2012, 28 (9), 1095-1101.
- 20- Rafatpanah H, **Rezaee A**, Etemadi M, et al. The impact of Interferon-alpha treatment on clinical and immunovirological aspects of HTLV-1-associated myelopathy in northeast of Iran, *Journal of Neuroimmunology*, 2012
- 21- Misstear K, Chanas A, **Rezaee S.A. R**, Colman R, Solovyova S, Quinn L, Long M, Goodyear O, Lord J, Gracie J, McInnes I, Hislop A, and David J. Blackbourn. Suppression of antigen-specific T cell responses by the KSHV vOX2 protein and its cellular orthologue CD200. *J Virol*. 2012 Jun;86(11):6246-57.
- 22- Niazmand S, Zabihi N, Harandizadeh F, **Rezaee S.A**, The Impact of the Supernatant of Phytohemagglutinin (PHA) Stimulated Lymphocytes on the Isolated Rat Heart *Babol Univ Med Sci*, Nov 2011, 13(6)
- 23- Rafatpanah H, Hedayati-Moghaddam MR, Fathimoghaddam F, Bidkhorri HR, Shamsian SK, Ahmadi S, Sohgandi L, Azarpazhooh MR, **Rezaee S.A**, Farid R, Bazarbachi A. High prevalence of HTLV-I infection in Mashhad, Northeast Iran: A population-based seroepidemiology survey. *J Clin Virol*. Aug 2011, 12.
- 24- Esmaeili B, **Rezaee S.A**, Layegh P, Tavakkol Afshari J, Dye P, Ghayoor Karimiani E, Kalalinia F, Rafatpanah H. Expression of IL-17 and COX2 Gene in Peripheral Blood Leukocytes of Vitiligo Patients. *Iran J Allergy Asthma Immunol*. Jun 2011, 10(2):81-9.
- 25- Fazeli B, **Rezaee S.A**. A review on thromboangiitis obliterans pathophysiology: thrombosis and angiitis, which is to blame? *Vascular*. 2011, 19(3):141-53.
- 26- Shirdel A, Rafatpanah H, Rahimi H, **Rezaee S.A**, Azarpajoooh MR, yazdi A. B, Hutchinson I V. A functional polymorphism of the granulocyte macrophage colony stimulating factor is not associated with the outcome of HTLV-I Infection. [Iranian Journal of Basic Medical, 2010, 13 \(2\): 40-47.](#)
- 27- Kchour G, Tarhini M, Kooshyar MM, El Hajj H, Wattel E, Mahmoudi M, H Hatoum, **Rezaee S.A. et al.** Phase 2 study of the efficacy and safety of the combination of arsenic trioxide, interferon alpha, and zidovudine in newly diagnosed chronic adult T-cell leukemia/lymphoma (ATL). *Blood*, 2009, 113(26):6528-32.
- 28- Assarehzadegan M, Shakerinejad, Noroozkohnejad, Amini, **Rezaee S.A**. Prevalence of hepatitis C and B infection and HCV genotypes among hemodialysis patients in Khuzestan province, Southwest Iran. *Saudi J Kidney Dis Transpl*. 2009, 20(4): 681-684.
- 29- Assarehzadegan M, Shakerinejad G, Amini A, and **Rezaee S.A**. Seroprevalence of hepatitis E virus in blood donors in Khuzestan Province, Southwest Iran. *International journal of infectious diseases*. 2008, 12(4):387-90.
- 30- **Rezaee S.A**, Cunningham C, Davison A, Blackbourn D, Kaposi's sarcoma-associated herpesvirus immune modulation. *J Gen Virol* 2006, 87:1781-804.
- 31- **Rezaee S.A**, Gracie J.A, McInnes I.B, Blackbourn D.J. Inhibition of neutrophil function by KSHV vOX2 protein. *AIDS* 2005, 19:1907-191
- 32- Dialyna IA, Graham D, **Rezaee S.A**, Blue CE, Stavrianeas NG, Neisters HG, Spandidos DA, Blackbourn DJ. (). Anti-HHV-8/KSHV antibodies in infected individuals inhibit infection in vitro. *AIDS* 2004, 18(9): 1263-73.

- 33- Naghibi M, Hassannia T, **Rezaee S.A**, Farid R, Pishnamaz R. Laboratory Finding in Successful Kidney Transplantation: Medical Journal of Mashhad University of Medical Sciences 2002, 76: 5-11.
- 34- Abrishamy M, Moosavi M, Rezanejad A, **Rezaee S.A**, Mazloom SR. Evaluation of microbial and immunological etiological factors in uveitis in Khorasan (Iran) : Medical Journal of Mashhad University of Medical Sciences 2002, 76: 25-32
- 35- Naghibi M, Hassannia T, , Mojahedi J, **Rezaee S.A**, Aghdam A, Farid R, A study for diagnostic and predicted value of serum soluble IL2-R on acute rejection of renal transplantation. Medical Journal of Mashhad University of Medical Sciences 2001, 72: 21-27
- 36- Bonakdaran S, Baradaran H, Mozahhab Z, **Rezaee S.A**. Predicted value of serum soluble IL2-R α in the prognosis of acute leukemia. Medical Journal of Mashhad University of Medical Sciences 2001, 72: 48-53
- 37- Mahmoudi M, **Rezaie S.A**, Rastin M, Mazloom SR, Rezaiefard RR. Evaluation of fasting on lymphocytic subpopulations in a two year study. Iranian Journal of Basic Medical Sciences 2000, 3: 147-154.
- 38- Mirahmadian M, **Rezaee S.A**, Nikbin B (). Evaluation of serum B2 microglobulin in hemodialysis patients. The Journal of faculty of Medicine Tehran university 2000, 58(2): 66-70.
- 39- Farid R, Mehvar, M, **Rezaee S.A**, *et al.* Evaluation of CD25 in HAM/TSP patients and HTLV1 carriers in Mashhad-Iran. Medical The Iranian Hospital 2000, 2(2): 16-18.
- 40- Talai N, Baradaran H, Varasteh A, Mahmoudi M, Saghfi M, **Rezaee S.A**, Rahimzadeh F., Isolation of Extractable Nuclear Antigens (ENA) for design ENA-DID kits and determines validity of it in evaluation of systemic Rheumatoid Disease, Iranian journal of basic medical Sciences 2000, 3:155-164.
- 41- Mahmmodi M, **Rezaee S.A**. Prion diseases and public health. Raze behzistan (MUMS) 2000, 15: 10-17.
- 42- Baradaran H, **Rezaee S.A**, Khoshnava . Diagnostic value of serum secific IgG and IgA for H.pylori infection in choronic gasteritis patients. Medical Journal of Mashhad University of Medical Sciences 1999, 64: 10-18
- 43- Baradaran H, firoozyan F, **Rezaee S.A**. Gentamycine impacts on phagocytosis and cellular immunity in Rabbit. Medical Journal of Mashhad University of Medical Sciences. 1997, 40(55-56): 3-8.
- 44- Mirahmadian M, Nikbin B, **Rezaee S.A**. Serum B2 microglobulin level as a diagnostic parameter for early diagnosis of renal allograft rejection. The Journal of the Faculty of Medicine Tehran University 1995, 52: 1-12.

Significant books

- 1- **Rezaee S.A**, Assarazadegan M, Farid Hossainy F, Amini A, Cellular and Molecular Immunology, Sanders, 7th ed, 2011, Ebn-Sina Press. 2012
- 2- Farid Hossaini R, **Rezaee S.A**, et al: Essential Immunology. 2nd Eddition 2012, Astan Ghods Razavi Press.
- 2- Etemadi M, Farid R, **Rezaee S.A**, Human T lymptropic Virus and HTLV-I related diseases, MUMS Press, 2010
- 3- Ghazvini K, **Rezaee S.A**, Practical Virology, MUMS Press, 2009
- 4- Translation in to Persian of "Abbas AK, Lichtman AH, Pober J, S cellular and Molecular Immunology (2nd edition, 1997, 4th edition and 6th edition, 2001-2007; W.B. Saunders). 2nd edition awarded as IR Iran year book

5- Farid R, . . . , **Rezaee S.A**, *et al.* (2000): Essential Immunology. Astan Ghods Razavi Press.

6- Mahmoodi M, **Rezaee S.A**. Mad cow crisis 2000. Astan Ghods Razavi Press.

Oral presentation in international meetings

- 2010 Evaluation of therapy regimes in HTLV-I Associated Diseases using Molecular approaches, The 1st Iranian International Congress on HTLV-I and Associated Diseases, Mashhad University of Medical Sciences (MUMS)
- 2010 The assessment of Immunophenotypic, HIV viral load and HTLV-I proviral load in HTLV-I, HIV co-infected subjects in Mashhad. The 1st Iranian International Congress on HTLV-I and Associated Diseases , Mashhad University of Medical Sciences (MUMS)
- 2009 Humanised, Chimeric Viral Proteins as Therapeutic Agents: Evaluating KSHV vOX2:Fc. BIT Life Sciences' 3rd Annual World Congress of Gene-2009, Foshan, China, December 2009 (due to some problem could not go for presentation)
- 2005 Suppression of inflammatory reactions by KSHV recombinant vOX2 protein. National Cancer Research Institute (NCRI) Cancer Conference. Birmingham, UK, October, 2005.

National (Iranian) seminar invitations

- 2010 Recombinant proteins in today's Medicine, Biotechnology and Modern Technology in Molecular Medicine, MUMS, EDC, 2010
- 2009 Invited speaker, Absolute quantification of HCV genome as a valid marker for monitoring of HCV infected subjects. In the HCV meeting. The Iranian Academic Centre for Education (Khorasan Branch), and MUMS, 2010
- 2008 Invited speaker, Scientific Committee member, The assessment of HIV viral load using real time PCR and COBAS AMPLICOR HIV-1 MONITOR Test, in HIV infected subjects, 10th annual congress of pathology and 4th annual congress of Iranian cancer association, Tehran, Iran 2008
- 2008 Conductor and Speaker, Real Time Workshop, , 10th annual congress of pathology and 4th annual congress of Iranian cancer association, Tehran, Iran 2008
- 2008 Speaker and Scientific Director, The real time PCR seminar and workshop, Avicenna Research Institute, MUMS, 2008

Conference Contributions

1. Taghiabadi M, Ariaee N, Rafatpanah H, **Rezaee S.A**. Construction and production of Ag85B:hFcy1 recombinant protein for designing vaccine and new diagnostic methods for tuberculosis. 12th Iranian Congress of Biochemistry & 4th International Congress of Biochemistry and Molecular Biology, Mashhad, Iran, September 6-9 2011
2. Sadeghian H, Amini A, Rafatpanah H, **Rezaee S.A**. 3-Dimensional molecular modeling studies of KSHV vOX2 protein as an example of highly glycosylated and adhesive molecule. 12th Iranian Congress of Biochemistry & 4th International Congress of Biochemistry and Molecular Biology, Mashhad, Iran, September 6-9 2011
3. Motiee M, Rafatpanah H, **Rezaee S.A**. Cloning and construction of vOX2:Fcy1 chimeric protein as an adhesion molecule for induction of trauma healing. 12th Iranian Congress of

Biochemistry & 4th International Congress of Biochemistry and Molecular Biology, Mashhad, Iran, September 6-9 2011, **Awarded for best study.**

4. Farajifard H, Felegary M, Rajaei T, **Rezaee S.A.**, Rafatpanah H. Development of a real-time RT-PCR TaqMan assay for measurement of CXCR2 in HAM/TSP subjects. 12th Iranian Congress of Biochemistry & 4th International Congress of Biochemistry and Molecular Biology, Mashhad, Iran, September 6-9 2011
5. Rajaei T, Heidarnejad F, Farajifard H, **Rezaee S.A.**, Rafatpanah H, Ghezelsofla R. Development and validation of real-time RT-PCR method for assessing of IL-21 and IL-23 gene expression. 12th Iranian Congress of Biochemistry & 4th International Congress of Biochemistry and Molecular Biology, Mashhad, Iran, September 6-9 2011
6. Mohammadi M, Ariaee Nasab N, Rafatpanah H, Ghazvini K, **Rezaee S.A.**, Construction and production of ESAT6:FCγ1 chimeric protein for designation of a new way of prophylaxis and diagnosis in tuberculosis, 12th Iranian Congress of Biochemistry & 4th International Congress of Biochemistry and Molecular Biology, Mashhad, Iran, September 6-9 2011
7. Valizadeh N, Rafatpanah H, **Rezaee S.A.** Optimization and validation of TaqMan real time RT-PCR method for measurement of FOXP3, GITR and CTLA-4 gene expression, 12th Iranian Congress of Biochemistry & 4th International Congress of Biochemistry and Molecular Biology, Mashhad, Iran, September 6-9 2011
8. Valizadeh N, Rahimi H, Shirdel A, Farid Hosseini R, Rafatpanah H, **Rezaee S.A.** The evaluation of FOXP3 and GITR gene expression in ATL patients before and after treatment with triple arsenic regimen using real time PCR TaqMan method, 12th Iranian Congress of Biochemistry & 4th International Congress of Biochemistry and Molecular Biology, Mashhad, Iran, September 6-9 2011
9. Ziaeemehr A, Esmailian L, Riazi Z, Valizadeh N, Sarveghad M, Momen heravi M, Rafatpanah H, **Rezaee S.A.** Evaluation of Phenotypic markers in HTLV-I co-infected in 66 HIV positive subjects in Mashhad-Iran, The 1st Iranian International Congress on HTLV-I and Associated Diseases , (MUMS) 2010
10. Jabbari F, Shabestari M, Farid R, **Rezaee S.A.**, Rafatpanah H, The sero-prevalence of HTLV-1 infection in coronary arteries disease in Mashhad and Neighbour patients in 2007 and 2008, The 1st Iranian International Congress on HTLV-I and Associated Diseases , (MUMS) 2010
11. Sarveghad M, Riazi ZM, Valizadeh N, Rafatpanah H, **Rezaee S.A.**, The impact of HTLV-1 co-infection on HIV viral load, immunophenotypic markers and HIV clinical outcomes. The 1st Iranian International Congress on HTLV-I and Associated Diseases , (MUMS) 2010
12. Fazeli B, **Rezaee S.A.**, Rafatpanah H, Is Buerger's Disease a kind of Neurogenic Inflammation? Asian Chapter Meeting, of the international Union of Angiology. Hyatt Regency Tokyo, Japan, October 2009.
13. Colman R, Misstear K, Hislop A. , Long H , **Rezaee S.A.**, Rickinson A, Blackburn D.J. KSHV vOX2 and its cellular counterpart, CD200, inhibit antigen-specific T cell responses. 162nd SGM meeting, Edinburgh, Scotland, April 2008.
14. Rezaee S.A, Blackburn D.J, Byron O, Jess T, Solovyova A. S. Biophysical analysis of vOx2, the viral analogue of CD200 protein. 15th International AUC conference, London, April 2006

15. Rezaee S.A, Gracie A, McInnes I, Blackburn D.J. Negative modulation of inflammation in vivo by KSHV recombinant vOX2 protein. 8th International Workshop on KSHV and Related Agents. Wildbad Kreuth, Germany, August 2005
16. Dialyna I.A, Graham D, Rezaee S.A, Stavrianeas N.G, Spandidos D, Blackburn D. J. Anti-KSHV neutralising antibodies in infected individuals. The 6th International Workshop on KSHV and related agents, New York, USA, 2003.
17. Mahmoodi M, **Rezaee S.A**, Mazloun S.R, et al.,. Preiferal blood lymphocyte subpopulations normal range determination in healthy adults in Mashad, Iran. In the 5th Inter. Cong. of Immunology, Iran 17-19 may 2000.
18. **Rezaee S.A**, Mirahmadian M, Nikbin B. Correlation analysis between serum β 2-microglobulin and kidney function parameters, WBC and ischemia in renal transplantation. In the 5th Inter. Cong. of Immunology, Iran 17-19 may 2000.
19. Bradaran H, Firoozian F, **Rezaee S.A**. Gentamaycin effects on phagocytosis and cellular immunity in rabbit. In The 4th Inter. Cong. Immunology, Iran (13-15 may 1998).
20. Bradaran H, Firoozian F, **Rezaee SA**. The effects of penicillin G on rabbit immune system. In The 4th Inter. Cong.Immunology, Iran 13-15 may 1998.
21. Bradaran H, Firoozian F, **Rezaee SA**. The effects of streptomycin and ceftizoxime on adaptive homoral immunity in rabbit. In The Fourth Inter. Cong.Immunology, Iran 13-15 may 1998.

Undergraduate & Postgraduate teaching

For PhD students; Bioinformatic, Molecular Immunology, Gene engineering, Cellular and Molecular Biology, Selected Topics in Immunology, Advance Immunology (each 4 lectures), Advance methods in Immunology,

For M.Sc. students in Immunology (MUMS), 1996-2001 and 2006-now: molecular biology (from 2009 coordinator and 6 lectures) , cellular and molecular Immunology(3 lectures), immunology of Infectious diseases (coordinator, 6 lectures). Immunological techniques, Scientific Methodology (the logic of science) (coordinator, 6 lectures)

For Pathology residents, 1999-2001(organised and ran) Cellular and Molecular Diagnostic Techniques in Immunology and Virology.

For medical students (MUMS), 1996-2001: Immunology (2 lectures), practical immunology, (*organised and ran. For medical students (Azad University, Mashhad Branch, medical school), 1997- 2001 and 2008- now (organised and ran) Immunology.*

For Immunology and Allergy Fellowships, The Molecular basis of immunological diseases (every Monday).

Panel discussion and case report of immunecompromised patients with viral infections, Qaem Hospital, every month.

For under graduate students, 2006 –2009: Virology (organised and run), 1994- now: Immunology (2 lectures).

Supervision of research students

PhD Supervisor

Bahareh Fazeli (completed Oct, 2012)

Abbas Ali Amini (completed Oct, 2014)

Shahriari H, (commenced Oct, 2010)

Solaimanpoor S, (commenced Oct, 2011)

Mohammaid A (commenced Oct, 2012)

Mosavat H (Commenced Oct 2011)

Saifi B, (completed Oct, 2014)
Tarokhian R, (Commenced on 2012)

M.D Supervisor

Halaj Moghadam (Completed May 2011)
Yalda Dadpoor (Residency, Completed Apr 2010)
Leila Esmaeilian (completed Jan, 2010)
Yusefzadeh M (completed Dec, 2011)
Ghazanfarpoor M, ((completed Jun, 2013)
Salehabady F, (Completed Oct 2012)
Mohammadi F, (Commenced on 2013)
Rohanio , (Commenced on 2013)
Rahimzadegan F, (Residency Commenced on 2012)
Andalib R, ((Residency Commenced on 2012)

MSc Supervisor

Mahboobeh Tagheeabadi (completed Oct 2011)
Faezah Sabet (completed Oct 2011)
Mohamad Mohamadi (completed Oct 2009)
Reza Sabeti (completed Oct 2010)
Narges Zabihi (completed, Apr 2010)
Behnaz Esmaili (completed, Nov 2009)
Fateme Riahi (completed, Sep 2009)
Mahdie Motiee (Complete Oct 2012)
Taraneh Rajaei (completed Oct 2012)
Haydarzadeh F (Completed Nov 2012)
Mahmood Torkaman (completed Dec 2011)
Mahdi Falegari (Completed Oct 2012)
Hossain Azimiian (completed, Apr 2011)
Akbarain (Commenced Dec 2012)

PhD, Fellowship and residency co-supervisor

Abbas A. Amini (PhD, completed, Aug 2014)
M. Taghadosi (PhD, Commenced 2010)
Reza Hami (PhD, Completed 2011)
Reza Fardid (PhD, Commenced, 2009)
Hamed Sadeghian (Residency, Pathology, completed, Jan 2011)
Homa Sadry (Fellowship, Immunology and Allergy, completed Aug 2011)
Gahade Ghashour (PhD, completed, Aug 2009)
Najmah Asghari (Residency, Completed Aug 2008)
Madadi F (Residency, Completed Aug 2012)
Dad Poor Y (Residency, Completed Jul 2010)
Moshfegh H (residency, Completed Apr 2013)
Fadai F (Residency, Completed Apr 2013)