

Seyyed Abdorrahim Rezaee, PhD



Contact details

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Education

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| 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 $\beta 2$ 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

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| 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

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| 2006 | Dr. Blackboun's Lab, Cancer Research UK Institute for Cancer Studies, Medical School, University of Birmingham |
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Honours

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| 2010- Now | Executive Director: HTLV-I Foundation , Mashhad University of Medical Sciences (MUMS) |
| 2007- Now | The Blood Transfusion Organization (Khorasan Razavi provience), 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, |

	MUMS
2006-Now	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 province), 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)

Supervision in HTLV-1 complete sequence in Iran

Human T-cell leukemia virus type I isolate MhD ATL3, complete genome GenBank: MH399767.1

[FASTA Graphics](#)

[Go to:](#)

LOCUS MH399767 9035 bp DNA linear VRL 28-OCT-2018
 DEFINITION Human T-cell leukemia virus type I isolate MhD ATL3, complete
 genome.
 ACCESSION MH399767
 VERSION MH399767.1
 KEYWORDS .
 SOURCE Human T-cell leukemia virus type I (HTLV-1)
 ORGANISM [Human T-cell leukemia virus type I](#)
 Viruses; Riboviria; Pararnavirae; Artverviricota; Revtraviricetes;
 Ortervirales; Retroviridae; Orthoretrovirinae; Deltaretrovirus.
 REFERENCE 1 (bases 1 to 9035)
 AUTHORS Mirhosseini,A., Mohareri,M., Arab,R., Rezaee,S.A., Mashkani,B. and
 Rafatpanah,H.
 TITLE Complete Sequence of Human T-cell Lymphotropic Virus type- 1 in ATL
 Patients from Northeast Iran, Mashhad Revealed a Prematurely
 Terminated Protease and an elongated pX Open Reading Frame III
 JOURNAL Unpublished
 REFERENCE 2 (bases 1 to 9035)
 AUTHORS Mirhosseini,A., Mohareri,M., Arab,R., **Rezaee ,S.A.**, Mashkani,B.
 and
 Rafatpanah,H.
 TITLE Direct Submission
 JOURNAL Submitted (29-MAY-2018) Inflammation and Inflammatory Diseases
 Division, Mashhad University of Medical Sciences, Azadi, Mashhad,
 Khorasan 009851, Iran

Gene Bank Submission:

gb-admin@ncbi.nlm.nih.gov [gb-admin@ncbi.nlm.nih.gov] have provided
 GenBank accession numbers for your nucleotide sequencesⓈ More than 60 partial
 sequences from HTLV-1, HPV and

International Patents

United Kingdom Patent Application No. 0506721.0: "Soluble Immunoregulatory Factor" D.J. Blackburn 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- Blackburn David J, **Razaee Seyyed Abdolrahim**: Soluble immunoregulatory factor. Univ Glasgow May, 21 2008: CN 200680018907
- 2- Blackburn 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.

National Patents:

عناوین اختراع

- 1- طراحی، بهینه‌سازی و ساخت پروتئین کایمر انسانی- ویروسی دارای 3 عنصر ژنی KSHV vOX2، CD200 انسان و Fcγ1 به صورت توام برای دستیابی به داروی ضد التهابی در انسان
- 2- فرآیند کلونینگ و تولید پروتئین کایمریک Ag85B:Fc در سیستم یوکاریوتی با استفاده از فیوژن Ag85B مایکوباکتریوم توبرکلوزیس و بخش Fc مولکول IgG1 انسانی جهت استفاده در واکسن سل

Research papers

رجوع شود به آدرس اینترنتی Google Scholar:

<https://scholar.google.com/citations?user=cmX8HXUAAAAJ&hl=en>

و یا سایت Scopus، به آدرس:

<https://www.scopus.com/authid/detail.uri?authorId=8936952200&eid=2-s2.0-79959203528>

Significant books

- 1- **Rezaee S.A**, Assarazadegan M, Farid Hossainy F, Amini A, Cellular and Molecular Immunology, Saunders, 7th ed, 2011, Ebn-Sina Press. 2012
- 2- Farid Hossaini R, **Rezaee S.A**, et al: Essential Immunology. 2nd Edition 2012, Astan Ghods Razavi Press.
- 2- Etemadi M, Farid R, **Rezaee S.A**, Human T lymphotropic 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.

Undergraduate & Postgraduate teaching

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

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

For Clinical pathology fellowships (Fellowship in Medical laboratory sciences), Cellular immune-diagnostic techniques (2 lectures), The diagnostic Lab tests for immunocompromised patients

For Microbiology PhD students; Immunology of infectious diseases, Gene engineering,
For Immunology and Allergy Fellowships 2002-2014, The Molecular basis of immunological diseases (every Monday).

Panel discussion and case report of immunocompromised patients with viral infections 2004, Qaem Hospital, every month.

For M.Sc. students in Immunology and Microbiology (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, 14 lectures), Scientific approaches (17 lectures)

For medical students (MUMS), 1996-20018: Immunology (3 lectures), practical immunology, (*organised and ran*).

For medical students (Azad University, Mashhad Branch, medical school), 1997- 2001 and 2008- (organised and ran) Immunology.

For under graduate students, 2006 –2009: Virology (organised and run), 1994- 2011: Immunology