# CURRICULUM VITAE

SURNAME: Sherkat FIRSTNAME: Roya

ADDRESS: Infectious Disease Department

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DATE OF BIRTH: 16 th July 1962

MEDICAL SCHOOL: Isfahan University of Medical Sciences, Iran

(1983-1989)

POSTGRADUATE TRAINING:

Feb 1988 - Aug 1989 Internship

Sep 1989 - Dec 1992 Speciality:

A Basic Course in Immunology, Microbiology … Internal Medicine

Pediatrics

Infectious and tropical Diseases (Adult, Pediatrics)

Postgraduate training (subspecialty) UK: Jan 1993 to Mar 1993 English language unit (University of Leeds)

Apr 1993 to June 1993 Infectious Diseases (Seacroft University Hospital, Leeds)

Jun 1993 to Dec 1996 Regional immunology Service

(St. James's University Hospital, Leeds)

U.K. Training Program for Higher Specialist Training in Immunology and Allergy, MRCPATH Scheme:

Clinical Immunology & Allergy Pediatric Hematology & Oncology Rheumatology

Chest Medicine Pediatrics

Genito-Urinary Medicine (HIV & STD) Renal Transplant

Liver Transplant Dermatology Haematology , Oncology Cyctic Fibrosis

Chronic Fatigue Syndrome Immunology Lab.

Bacteriology & Mycology Lab. Virology Lab.

# Degrees:

M.D, 1989

Specialty: Infectious and Tropical Diseases, 1993

Sub-Specialty: Clinical Immunology and Allergy, 1996

**Professional Experiences:**

1. Academic member of Infectious and Tropical Disease Department, Isfahan University of Medical Sciences
2. Part time academic Member of Infectious and Tropical Disease Research Center, Isfahan University of Medical Sciences
3. Infectious and Tropical Disease Research Center research committee member , Isfahan University of Medical Sciences
4. Head of Isfahan Immunodeficiency Research Unit , Infectious and Tropical Disease Research Center, Isfahan University of Medical Sciences
5. Member of Infectious Disease Committee of Medical Logics , Isfahan Province , Iran
6. Member of Alzahra University Hospital Death Committee
7. Member of Alzahra University Hospital Health Committee
8. Member of Alzahra University Hospital Research Unit
9. Head of Infectious and Tropical Disease Research Center Immunology Laboratory, Isfahan University of Medical Sciences
10. Head of Isfahan Immunodeficiency Association
11. Head of Acquired Immunodeficiency Research Center, Isfahan Universiyy of Medical Sciences

**Memberships:**

1. European Society of Immunodeficiency Diseases
2. British Society of Clinical Immunology
3. Iranian Society of Immunology and Allergy
4. Iranian Society of Asthma, Allergy and Immunology
5. Iranian Society of Infectious Disease
6. American Clinical Immunology Society

**TEACHING EXPERIENCES:**

1- Medical students :Clinical Immunology , Infectious Disease

2- Advanced Clinical Immunology & Infectious Disease to postgraduate students as follow:

 a- Infectious Disease, Internal Medicine, Pediatrics, residents

  b- PhD Students in Immunology

 c-PhD students in Genetics

**Publications Article:**

1. Aghamohammadi A. Moin M. Sherkat R. The spectrum of primary immunodeficiency disorders in Iran, ACTA Medical Iranica 2002, Vol 4, No. 3, 165-70.
2. Aghamohammadi A. Moin M. Sherkat R. Primary immunodeficiency in Iran: First report of national registry of RID in children and adults. Journal of clinical immunology, Nov. 2002, Vol 22, No 6, 375-80.
3. Emami Naini A.R. Sherkat R. Davarpanah M.A., Does it need to consider another booster dose of measles vaccine? Iranian Journal of Medical Sciences, 2002, 27, 1, 1.
4. Garak Yaraghi M. Sherkat R. Hemat A.R. Association of previous Chlamydia pneumonia infection and coronary artery disease. Journal of Isfahan Medical School 2003, Vol 21, No 68, 43.
5. Sherkat R., Asikian A., et. al.,Association of chronic urticaria and/or angioedema with thyroid autoimmunity. journal of shahid Sadoughi University of medical science and health services. 2004, Vol 12, No. 3,51-57

6. Sherkat R., Mycobacterial infection in chronic granulomatous disease.Clinical and Experimental Allergy 2004;34(11): 1809-1809.

7. Sherkat R. Garak Yaraghi M., et. al., Anti-cardiolipin antibodies and risk of coronary heart disease (a hospital-based case-control study) hamdard medicus. 2005

8.[Rezaei N](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Rezaei%20N%22%5BAuthor%5D), [Aghamohammadi A,](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Aghamohammadi%20A%22%5BAuthor%5D) [Moin M,](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Moin%20M%22%5BAuthor%5D) [Pourpak Z,](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Pourpak%20Z%22%5BAuthor%5D) [Movahedi M](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Movahedi%20M%22%5BAuthor%5D), [Gharagozlou M](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Gharagozlou%20M%22%5BAuthor%5D), [Atarod L,](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Atarod%20L%22%5BAuthor%5D) [Ghazi BM](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Ghazi%20BM%22%5BAuthor%5D), [Isaeian A,](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Isaeian%20A%22%5BAuthor%5D) [Mahmoudi M,](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Mahmoudi%20M%22%5BAuthor%5D) [Abolmaali K](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Abolmaali%20K%22%5BAuthor%5D), [Mansouri D,](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Mansouri%20D%22%5BAuthor%5D) [Arshi S](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Arshi%20S%22%5BAuthor%5D), [Tarash](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Tarash%20NJ%22%5BAuthor%5D) [NJ](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Tarash%20NJ%22%5BAuthor%5D), [Sherkat R](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Sherkat%20R%22%5BAuthor%5D), [Akbari H](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Akbari%20H%22%5BAuthor%5D), [Amin R](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Amin%20R%22%5BAuthor%5D), [Alborzi A](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Alborzi%20A%22%5BAuthor%5D), [Kashef S](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Kashef%20S%22%5BAuthor%5D), [Farid R](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Farid%20R%22%5BAuthor%5D), [Mohammadzadeh I](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Mohammadzadeh%20I%22%5BAuthor%5D), [Shabestari MS,](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Shabestari%20MS%22%5BAuthor%5D) [Nabavi M](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Nabavi%20M%22%5BAuthor%5D), [Farhoudi A.](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Farhoudi%20A%22%5BAuthor%5D) . Frequency and clinical manifestations of patients with primary immunodeficiency disorders in Iran: update from the Iranian Primary Immunodeficiency Registry. J Clin Immunol. 2006 Nov; 26(6):519-32.

1. Rezaei N. Pourpak Z. , ... , Sherkat R. Consanguinity in Primary Immunodeficiency Disorders; The Report from Iranian Primary Immunodefiency Registry. American Journal Reproductive Immunology 56 (2006) 145-151
2. Moin M. Farhpudi A.,…, Sherkat R. The clinical and laboratory survey of Iranian patients with Hyper-IgE syndrome. Scandinavian fournal of Infections Diseases, 2006; 38: 898-903.
3. Rezaei N. Aghamohammadei,…, A. Sherkat R. Frequency and clinical manifestations of patients with primary immunodeficiency disorders in Iran: update from the Iranian Primary Immunodeficiency Registry. Frequency and clinical masifestations of patients

with Primary Immunodefiency Disorders in Iran: Update from the Iranian Primary Immunodeficiency Registry. J Clin Immunol. 2006 Nov; 26(6):519-32.

1. Sherkat Roya. Kalantari A. Ahmadi M. Daneshmand F. Arshadi M. Alameh Z. Alameh

T. Rostami S. Seropositivity of cytomegalovirus in women with unexplained recurrent spontaneous abortions. World Allergy Organization Journal: November 2007-Volume - Issue - pp S26-S27

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1. Sherkat R., Mostafavizadeh K. Ziedabadie L. Shoaie P. Anti-neutrophil cytoplasmic antibodies in patients with pulmonary tuberculosis. World Allergy Organization Journal: November 2007 - Volume - Issue - p S132
2. [Rezaei N](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Rezaei%20N%22%5BAuthor%5D)**.** [Moin M](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Moin%20M%22%5BAuthor%5D)**.** [Pourpak Z**.**](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Pourpak%20Z%22%5BAuthor%5D)[Ramyar A**.**](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Ramyar%20A%22%5BAuthor%5D)[Izadyar M](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Izadyar%20M%22%5BAuthor%5D)**.** [Chavoshzadeh Z](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Chavoshzadeh%20Z%22%5BAuthor%5D)**.** [Sherkat R](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Sherkat%20R%22%5BAuthor%5D)**.** [Aghamohammadi A**.**](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Aghamohammadi%20A%22%5BAuthor%5D)[Yeganeh M](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Yeganeh%20M%22%5BAuthor%5D)**.** [Mahmoudi M](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Mahmoudi%20M%22%5BAuthor%5D)**.** [Mahjoub F](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Mahjoub%20F%22%5BAuthor%5D)**.** [Germeshausen M](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Germeshausen%20M%22%5BAuthor%5D)**.** [Grudzien M](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Grudzien%20M%22%5BAuthor%5D)**,** [Horwitz MS](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Horwitz%20MS%22%5BAuthor%5D)**.** [Klein C](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Klein%20C%22%5BAuthor%5D)**.** [Farhoudi A**.**](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Farhoudi%20A%22%5BAuthor%5D) **The** clinical, immunohematological, and molecular study of Iranian patients with severe congenital neutropenia. J Clin Immunol. 2007 Sep; 27(5):525-33.
3. Sherkat R. ,Chronic idiopathic urticaria and brucellosis, World Allergy Organization. Journal November 2007- Volume :Issue - p S160
4. Sherkat R., D. Taheri, S. Biria, H. R. Suzangar ,Hypergammaglobulinemia and tow CD19 count in a case with thymoma and recurrent infection.Clinical and Experimental Immunology 2008;154(): 197-197.

17. Sherkat R. et.al.,Bordetella pertussis infection in adolescents. Journal of Military Medicine, Volume 10 , Number 4, 269-272

18. Sherkat R., Farzaneh P.,Hasanzadeh A., Kalantary A. Ahmadi M. . The association between cmv infection , antiphos pholipid antibodies and serum gammaglobulins in patients with recurrent spontaneous abortion . Annals of allergy , asthma & immunology. 2009

19.R. Sherkat, M. Garak-Yaraghi, M. Janghorbani, S. Izadi, B. Rafiee-Moghadam, J. Hasheminia Anti-Cardioliphin Antibodies and Risk of Coronary Heart Disease. Clinical Immunology 2009;131(): S147-S147.

20.Sherkat R. ,Farzanfar E. ,Farajzadegan Z. A , Kalantary A., Ahmadi M. Z Alameh Z. , Movahedie M. , Rezaie A. . Immunologic Markers and Immunotherapy Outcome in Patients with Unexplained Infertility, Primary and Secondary Recurrent Pregnancy Loss

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21.R. Sherkat, M. Garak-Yaraghi, M. Janghorbani, S. Izadi, B. Rafiee-Moghadam, J. Hasheminia .Anti-Cardioliphin Antibodies and Risk of Coronary Heart Disease.Clinical Immunology 2009;131(): S147-S147.

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3. Aghamohammadi A. Shafiei A. Abolhassani H. Sherkat R. Mahjoub F. Rezaei N. . Renal amyloidosis in common variable immunodeficiency Nefrologia 2010; 30(4):474- 6.
4. [Sherkat R,](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Sherkat%20R%22%5BAuthor%5D) [Mostafavizadeh K,](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Mostafavizadeh%20K%22%5BAuthor%5D) [Zeydabadi L](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Zeydabadi%20L%22%5BAuthor%5D), [Shoaei P,](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Shoaei%20P%22%5BAuthor%5D) [Rostami S](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Rostami%20S%22%5BAuthor%5D). Antineutrophil cytoplasmic antibodies in patients with pulmonary tuberculosis . Iran J Immunol. 2011 Mar; 8(1):52-7.
5. Abdollahpour H, Appaswamy G, Kotlarz D, Diestelhorst J, Beier R, Schäffer AA, Gertz EM, Schambach A, Kreipe HH, Pfeifer D, Engelhardt KR, Rezaei N, Grimbacher B, Lohrmann S, Sherkat R, Klein C. [Thephenotype of human STK4 deficiency.](http://www.ncbi.nlm.nih.gov/pubmed/22294732) Blood. 2012 Apr 12;119(15):3450-7. Epub 2012 Jan 31.
6. Javadi AA, Ataei B, Khorvash F, Babak A, Rostami M, Mostafavizadeh K, Naeini AE, Meidani M, Salehi H, Avijgan M, Sherkat R, Yazdani MR, Rezaei F.[Clinical features of](http://www.ncbi.nlm.nih.gov/pubmed/22973362) [novel 2009 influenza A (H1N1) infection in Isfahan, Iran.](http://www.ncbi.nlm.nih.gov/pubmed/22973362) J Res Med Sci. 2011 Dec;16(12):1550-4.
7. Fereshteh Ashtari , [Alia Saberi](http://73201.cv.research.ac.ir/) ,Vahid Shayegannejad, Alireza Khosravi, [Roya Sherkat](http://73204.cv.research.ac.ir/)

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2. Batoul Tarokhian, M.Sc., Roya Sherkat, M.D., Mohamma Hossein Nasr Esfahani, Ph.D., Minoo Adib, Ph.D., Abbas Kiani Esfahani, M.Sc., Behrooz Ataei, M.D . CD107a Expression and IFN-γ production as markers for evaluation of cytotoxicCD3+CD8+T Cell response to CMV antigen in women w i t h recurrent spontaneous abortion
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4. [Mazdak Ganjalikhani-Hakemi,](https://www.researchgate.net/researcher/2047014032_Mazdak_Ganjalikhani-Hakemi) [Reza Yazdani](https://www.researchgate.net/researcher/2048833830_Reza_Yazdani), Roya Sherkat, [Vida Homayouni](https://www.researchgate.net/researcher/33002469_Vida_Homayouni), [Mohsen Masjedi,](https://www.researchgate.net/researcher/2041515743_Mohsen_Masjedi) [Mohsen Hosseini](https://www.researchgate.net/researcher/2003089632_Mohsen_Hosseini) [.Evaluation of the T helper 17 cell specific genes and](https://www.researchgate.net/publication/262698288_Evaluation_of_the_T_helper_17_cell_specific_genes_and_ILC_in_CVID?ev=prf_pub) [ILC in CVID](https://www.researchgate.net/publication/262698288_Evaluation_of_the_T_helper_17_cell_specific_genes_and_ILC_in_CVID?ev=prf_pub)
5. Roya Sherkat, Majid Yaran, Parisa Shoaie, Mojgan Mortazavi, Shahrzad Shahidi, Hossein Hamidi, Shiva Seirafian, Shahram Taheri, Ziba Farajzadegan, Soodabeh Rostami

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# Research Projects & Thesis Provision:

1. The frequency of CMV infection in Isfahan Blood Transfusion Unit blood donors, 1377
2. The frequency of CMV infection in St. Aliasghar Hemodialysis Unit patients, 1377
3. Frequency of positive of HSV-PCR CSF in patients hospitalized as herpes encephalitis, St. Alzahra Hospital
4. The frequency of toxoplasma infection in St. Aliasghar Hemodialysis Unit patients, 1378
5. Evaluation the relation between angioedema and chronic urticaria with autoimmune thyroiditis and the effect of thyroxin treatment on them
6. The frequency of hypogammaglobulinemia in outpatients ENT and Clincal Immunology and Allergy clinics patients with recurrent , chronic or sever respiratory infections, Isfahan University of medical Sciences
7. Evaluation of sensitivity and specificity of mouse liver tissue and commercial kits and measurement of anti- nuclear antibody in positive serums.
8. Evaluation of Burdetella pertusis infection with serology and culture in patients with chronic cough and controls in isfahan , 1380
9. The co- relation between IgM-Anti-cardiolipin antibody and Myocardial Infarction
10. The frequency of positive CMV serology in women with term pregnancy and comparison with their cord blood serology
11. The frequency of Antineutrophil Cytoplasmic Antibodies in Patients with Pulmonary Tuberculosis and controls
12. Comparison of the frequency of positive anti-cardiolipin antibody in patients less than 45 years old with cerebra vascular accidents and controls in Alzahra Hospital
13. The co- relation between IgG-Anti-cardiolipin antibody and Myocardial Infarction
14. Comparison of the frequency 0f Chlamydia pneumonia infection in patients with coronary artery disease and controls, Isfahan 1380
15. The evaluation of Anti-HBS Ag titer in vaccinated surgeons for hepatitis B to evaluate effectiveness and immunity of vaccine
16. Evaluation of anti- measles antibody in 18-22 years old medical students of Isfahan University of medical Sciences, 1380
17. The comparison of kidney biopsies microscopic characteristics with laboratory and clinical manifestations, 1379-1381
18. The comparison of ribaverin plus intravenous immunoglobulin and ribaverin plus corticosteroid regimen effectiveness in hemorrhagic fevers
19. Evaluation of IFN-Y cytokine production in TCD8+/CD3+ cells in response to cytomegalovirus in women with recurrent spontaneous abortion and comparison with control group
20. The comparison of humoral immunity to Cytomegalovirus in women with and without spontaneous recurrent abortion
21. Evaluation of immunodeficiency research group establishment in Infectiouse and Tropical Disease Research Center and Alzahra Hospital
22. Evaluation of CD107a expression in TCD8+/CD3+ cells in response to cytomegalovirus in women with recurrent spontaneous abortion : and comparison with control group
23. Evaluation of the relation between carotid ultrasonic changes with Chlamydia pneumonia seropositivity in patients with acute stroke
24. The comparison of diagnostic value of Tuberculin Skin Test and TSPT- TB in Immunodeficient patients for latent tuberculosis infection , use of Isoniazide prophylaxy in patient with positive tests and evaluation of incidence of tuberculosis in both group with positive and negative tests
25. The effects of congnitive – behavioral stress management intervention on distress, quality of life and immune function in women with breast cancer.
26. Evaluation of selevtive antibody deficiency and its relation to IgG2 and IgG3 subclass deficiency in patients with recurrent respiratory infections.
27. The Establishment of the first primary immunodeficiency Biobank in Isfahan University of Medical Sciences
28. Evaluation & comparison of KIR genotype in Hepatitis B patients, susceptible families to hepatitis B and normal population.
29. Evaluation of the T helper 17 cell specific genes and the innate lymphoid cells counts in the peripheral blood of patients with the common variable immunodeficiency
30. [Evaluation of newly identified helper T cells specific cytokines](https://www.researchgate.net/publication/262698073_Evaluation_of_newly_identified_helper_T_cells_specific_cytokines_expressions_in_the_peripheral_blood_and_sputum_samples_of_patients_with_Asthma?ev=prf_pub) [expressions in the peripheral blood and sputum samples of patients with](https://www.researchgate.net/publication/262698073_Evaluation_of_newly_identified_helper_T_cells_specific_cytokines_expressions_in_the_peripheral_blood_and_sputum_samples_of_patients_with_Asthma?ev=prf_pub) [Asthma](https://www.researchgate.net/publication/262698073_Evaluation_of_newly_identified_helper_T_cells_specific_cytokines_expressions_in_the_peripheral_blood_and_sputum_samples_of_patients_with_Asthma?ev=prf_pub)

31) Immunophenotyping of transitional B cells and evaluation of mutations in BAFFR in patients with allergic and non-allergic common variable Immune deficiency (CVID) in compare with healthy controls

1. Evaluation of T Lymphocyte Proliferation against candida antigen in women with Recurrent vulvovaginal Candidiosis compared with healthy women without RVVC by Flometric CFSE method
2. Providing a Biobank from patients with inflammatory bowel diseases which suspected to immunodeficiency diseases referred to Isfahan digestive diseases research centers 2014-2015
3. Determination of mutation in 1, 2 and 3 axons of LI 10 AR gene and 1 to 7 exons of LI 10RB in patients with Inflammatory bowel disease suspected with primary immunodeficiency referred to Research Centers Immunodeficiency and Subspecialty Clinic Gastroenterology of Isfahan University of Medical Sciences
4. IFNGR1 gene mutations in patients with suspected mendelian susceptibility to mycobacterial disease referred to health and educational centers, Isfahan University of medical sciences
5. IL-12RB gene mutations in patients with suspected mendelian susceptibility to mycobacterial disease referred to health and educational centers of Isfahan University of medical sciences
6. Investigation of mutation existence in exons of IL 12B gene in patients with suspected mendelian susceptibility to mycobacterial disease referred to health and educational centers of Isfahan University of medical sciences
7. Screening of patients with suspected mendelian Susceptibility to Mycobacterial Disease for IL-12p40 deficiency
8. Genetic and functional evaluation of Th17 cells in patients with susceptibility to Candidiasis
9. Genetic Evaluation of IL12RB1 in Patients with Severe Leishmaniasis
10. Comparative evaluation of cytomegalovirus avidity and Quantiferon in pregnant women with early onset pre-eclampsia and women with normal pregnancy
11. Database preparation of patients with primary immunodeficiency referred to Isfahan medical center
12. In vivo, Gene delivery to CD34 cells at mice
13. In vitro, Gene delivery to CD34 cells at mice
14. Providing and setup a demographic data-bank,clinical and drowing pedigree from patients with inflammatory bowel diseases and suspected to immunodeficiency diseases referred to Isfahan medical,universitese and research centers in 2014
15. Evaluation of B cell maturation antigen (BCMA) expression on B cells as well as counting peripheral blood plasma blast cells in patients with CVID in compare with healthy controls
16. Investigation of mutation existence in GATA2 gene prevalent exones in patients with suspected mendelian susceptibility to mycobacterial diseasereferred to health and educational centers of Isfahan University of medical sciences
17. Comparative evaluation of cytomegalovirus serology in pregnant women with early onset preeclampsia and women with normal pregnancy
18. Natural killer cell Ig-like receptor (KIR) genes genotypes in patients with chronic hepatitis B, families with hepatitis B and healthy subjects
19. The assessment serology of Coxiella burnetii in butchers in Isfahan in 2015
20. Screen and detection of immune deficiency in patients suspected to Mendelian susceptibility to mycobacterial infection that referred to the health and educational centers of Isfahan University of medical sciences
21. Determination of polymorphism in axon4 of LI 10 AR gene in healthy volunteers in Isfahan in 2016-2017
22. Determination of polymorphism in axon7 of LI 10 AR gene in healthy volunteers in Isfahan in 2016-2017
23. Assessment of mutation existence in selected axon)ex6( of GATA2 genein patients suspected to Mendelian susceptibility to mycobacterial infection that referred to the health and educational centers of Isfahan University of medical sciences
24. Comparative evaluation of cell-mediatetd immunity to cytomegalovirus, in pregnant women with early onset preeclampsia and women with normal pregnancy
25. Screening and detection of immune deficiency for cell surface expression of IFN-γR1 in patients suspected to Mendelian susceptibility to mycobacterial

infection that referred to the health and educational centers of Isfahan University of medical sciences

1. Providing a Biobank from patients with Mendelian susceptibility to mycobacterial diseases referred to Isfahan digestive diseases research centers in 2017-2018
2. Evaluation and comparison of natural killer cell cytotoxic activity in Hepatitis B patients, susceptible families to hepatitis B and normal population.
3. Utilization of Recombinant Allergens from American Cockroach (Periplaneta Americana) for Component Resolved Diagnosis
4. Iodn i s e nionde iu odio ei e ei sdi iu id iu ied id dninidigidn immunodeficient o iid ii p Hematologic cancers under chemotherapy
5. Evalutaion of mRNA expression and Protein level in non-bruton gammaglobulinemia by real time PCR and western bloting
6. Assessment of TIM-3**)** T cell immunoglobulin and Mucin-3) expression on PBMC of Hepatitis B patients and normal population, and evaluation of its correlation with cytotoxicity of natural killer cells

**CONGRESSES AND MEETING PRESENTATIONS:**

-Chonic mucocutaneous candidiasis 6th iranian congress of immunology and allergy. 2002.

-Evaluation and comparison of anticardolipin antibodies among patients with cerebrovascular accidents and control group 1999-2000 6th iranian congress of immunology and allergy, 2002.

-Evaluationof serumic measles antibody in medical students aging 18-22, 2000, isfahan 6th iranian congress of immunology and allergy. 2002.

-Primary immunodeficiency in iran:first report of the national registry of PID children and adults XXI congress of the european academy of allergology and clinical immunology , 2002.

-A case of common variable immunodeficiency &mycobacterial infection 17 th national congress of tuberculosis(13th state congress of medical medical updates.

-Association of chronic urticaria and/or angioedema with thyroid autoimmunity asthema&allergy seminar. 2003

-Mycobacterial infection in chronic granulomatous disease 17 th national congress of tuberculosis(13th state congress of medical medical updates. 2003.

-Evaluation of the frequency of serum immunoglobulin levels in patients with recurrent, chronic and severe infections, Asthma and Allergy Seminar, 2003, Tehran.

-Anti-cardiolipin antibodies and risk of coronary heart disease the 7th congress of immunology&allergy. 2004

-Mycobacterial infection in chronic granulomatous disease The british society for allergy and clinical immunology annual meeting. 12-14 July 2004

-13th iranian congress on infectious diseases and tropical medicine. 2004.

-Mycobacterial infection in chronic granulomatous disease ,The 7 congress of immunology &allergy. 2004

-Comparison of two assays for functional assessment of respiratory burst in CGD patients , First international congress on immunodeficiency disorders. 2005

- The congress of infectiouse disease in pregnancy, 2005, Isfahan, Iran

-Incidence survey of CGD in immunodeficient patients suspected of CGD with dihydrodamin , First international congress on immunodeficiency disorders. 2005

-Iranian primary immunodeficiency registry(IPIDR): from the past to the future

, First international congress on immunodeficiency disorders. 2005

-Primary immunodeficiency disorgers queriers in isfahan province , First international congress on immunodeficiency disorers. 2005

-The frequency of consanguinity in primary immunodeficients ;the report from iranian primary immunodeficiency registry first international congress on immunodeficiency disorders. 2005.

-Evaluation of Burdettela pertusis in patients with chronic cough ,The 14 th iranian congress on infectious disease and tropical medicine. 2005

* XIIth Meeting of the European Society for Immunodeficiency's. Organized on October 4-7, 2006 in Budapest, Hungary. Budapest, October 7, 2006.

-Bordetella pertossis infection , 16th european congress of clinical microbiology and infectious diseases. 2006.

* Seropositivity of cytomegalovirus in women with unexplained recurrent spontaneous abortions **,**World Allergy Congress 2007, in Bangkok, Thailand, 2-6 December 2007.

-The third international congress of pulmonary disease, intensive care and TB, 2007, Tehran, Iran

* Anti-Cardioliphin Antibodies and Risk of Coronary Heart Disease

,Immunology, Asthma & Allergy, New concepts in Prevention, Diagnosis & Treatment seminar. May 22-24, 2007. Razi Conference Center .Tehran – Iran.

* Evaluation of Auto & Alloimmune Factors in Women with Recurrent Abortion ,9th congress on reproductive Biomedicine & 4th Congress on stem Cell Biology & Technology , August 26-29, 2008. Tehran – Iran.

-Antineutrophil Cytoplasmic Antibodies in Patients with Pulmonary Tuberculosis ,The 9th Iranian congress of Immunology and Allergy, 2008

,Tehran

-The first congress of infection in intravenous drug abusers, 2008, Isfahan , Iran

-XIII International Food Allergy Symposium, November 5, 2009, at the Miami Beach Convention Center in Miami Beach, FL.

-The Association between CMV Infection, Antiphospholipid Antibodies and Serum Gammaglobulins in patients with Recurrent Spontaneous Abortion ACCAI Congress , November 5-10, 2009, at the Miami Beach Convention Center Miami Beach, FL.

-Budd-Chiari syndrome caused by aspergillus in a CGD patient , , The 21st International congress of pediatrics , 2009 ,Tehran ,Iran

-XXVIII Congress of the European Academy of Allergy and clinical immunology in Warszawa, Poland, 6-10 June 2009.

- Lymphocyte subsets in patients with unexplained recurrent pregnancy loss , in relation to pregnancy outcome after immunotherapy , XIVth Meeting of the European Society for immunodeficiency's (ESID) organized on October 6-9, 2010 in Istanbul , Turkey.

-Anti -Cytomegalovirus Avidity Index in women with and without Recurrent Pregnancy Loss , The 4th Iranian clinical microbiology congress , November , 2010,Isfahan , Iran

-Osteomylitis as a late presentation of Disseminated Bacillus Calmette Guerin infection .The 8th Biennial congress of Iranian Society of Asthma and Allergy. 2011 , shiraz ,Iran.

CD107a expression and IFN-γ production as evaluation of Cytotocic CD3+ CD8+ T cell response to CMV antigen in women with recurrent pregnancy Loss

, 15th Biennial Meeting of the Europian Society of Immunodeficiency, 3-6 October 2012 , Florance, Italy.

* Comparison of Anti-pneumoccocal antibody and its relation to IgG2 serum Level in patients with recurrent sinopulmonary infections and controls pre and post pneumococcal vaccine, 11th International Congress of Immunology and Allergy of Iran . 2012 , Tehran , Iran.

**-**Odd Presentations of Chronic Granulomatous Disease , VIII World Congress of Immunopathology, Respiratory Allergy & Asthma , October 12-15, 2013 , Dubai, UAE

* HUMAN JAGN1 DEFICIENCY CAUSES DISTURBED MYELOID CELL HOMEOSTASIS AND SEVERE CONGENITAL NEUTROPENIA,16th Biennial Meeting of the European Society for Immunodeficiencies (ESID 2014), 29 October -1 November, 2014, Prague, Czech Republic
* PRESENTATION OF INFECTIONS AND IMMUNE DYSREGULATIONS IN COMMON VARIABLE IMMUNODEFICIENCY (CVID)PATIENTS AND ITS RELATION TO THEIR CLINICAL AND IMMUNOLOGICAL

CHARACTERISTICS IN ISFAHAN, 16th Biennial Meeting of the European Society for Immunodeficiencies (ESID 2014), 29 October – 1 November, 2014, Prague, Czech Republic

* ENIGMAS LEFT IN DIAGNOSIS: CHRONIC EPSTEIN BARR VIRUS

LYMPHOPROLIFERATION OR LYMPHOMA, 16th Biennial Meeting of the European Society for Immunodeficiencies (ESID 2014), 29 October – 1 November, 2014, Prague, Czech Republic

* Pregnancy in primary immunodeficiency disorders, 26 th International Congress on Pediatrics, 16-20 Oct, 2014, Tehran, Iran
* primary immunodeficiency disease, 12th International Congress of Immunology & Allergy of Iran, 29th April 2nd May, 2014, Tehran, Iran Evaluation of newly identified helper T cells specific cytokines expressions in the peripheral blood and sputum samples of patients with Asthma, 12th International Congress of Immunology & Allergy of Iran, 29th April 2nd May, 2014, Tehran, Iran

**-**Enigmas of primary immunodeficiency and mycobacterial infections in Iran, 100th J Project Meeting, 12-15 MARCH , 2014 ,Antalya, Turkey

* Proceedings of the Canadian society of allergy and clinical immunology annual scientifc meeting 2015 Vancouver, Canada. 21–24 October 2015
* EBV lymphoproliferative disease and cardiac lymphoma in a STK4 deficient patient, Pediatric allergy and asthma meeting, 15- 17 oct, 2015, Berlin, Germany
* 2nd J PROJECT CONGRESS 2-5 March, 2016 | Antalya, Turkey
* 4th Pediatric Allergy and Asthma Meeting (PAAM) Berlin, Germany. 15-17 October 2015
* 17th Biennial Meeting of the European Society for Immunodefiencies, 21 - 24 September 2016, Barcelona
* EAACI CONGRESS 2018 , Munich , Germany [Establishment and Development of the First Biobank of Inflammatory Bowel Disease, Suspected to Primary Immunodeficiency Diseases in Iran](https://www.researchgate.net/publication/324035147_Establishment_and_Development_of_the_First_Biobank_of_Inflammatory_Bowel_Disease_Suspected_to_Primary_Immunodeficiency_Diseases_in_Iran)
* CIS 2019 Annual Meeting of Clinical Immunology Society, 4-7 April 2019, Atlanta, USA
* Computational approaches for diagnosis and treatments of genetic diseases, DAAD Internal Meeting, 27-28 June 2019, Munich, Germany