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Intrested Research : HTLV-1 , Allergic disease

Adjunct Professor of Allergy
Health Promotion Sciences
Adjunct Professor of Immunology
College of Medicine . The University Of Arizona
Mel and Enid Zuckerman
College of Public Health

EDUCATION:

Wales University, England, DTCD, 1976
London University, U.K., postgraduate certificate in allergy and
immunology, 1975
Mashhad University, Mashhad, Iran, M.D, 1968

POSTDOCTORAL TRAINING:

Arizona University, U.S.A., Six-Month Preventive Medicine, 1997
Cornell University, New York, U.S.A, six-months, virology department,
1985
Minnesota University, U.S.A., three-month research fellow in allergy and
Immunology, 1985
St. Georges Hospital, London, Registrar in allergy and Clinical
Immunology, 1974-1977
Colindale Hospital, London, senior officer in internal medicine and chest

Disease, 1970-1974

City Hospital, U.K., medical internship, 1969-1970

ACADEMIC APPOINTMENTS:

2008- Present Adjunct professor. Arizona University. college of
Public Health U.S.A.

1989-Present Professor of Medicine, Mashhad University of Medical Sciences

1984-1989 Associate Professor of allergy and immunology, Mashhad
University of Medical Sciences

1978-1984 Assistant Professor and lecturer in Allergy, Immunology
Rheumatology, Chest Medicine, Mashhad University of Medical
Sciences

1977-1978 Medical Assistant, St. Georges Hospital, London, U.K.

HOSPITAL APPOINTMENTS:

1991- 1994 Vice-Chancellor for Research, Mashhad University of
Medical Sciences

1980-Present Director of Allergy and Immunology, Mashhad University
Of Medical Sciences

1985-1991 Chairman, Department of Medicine

1982-1984 Dean of Ghaem Medical School

LICENSED PHYSICIAN:

1978 Iranian certificate of allergy and clinical immunology

1977 Iranian certificate of chest medicine

1976 Diploma certificate chest medicine

1976 ECFMG certificate

1970 General Medical Council Registration, U.K.

SCIENTIFIC AND MEDICAL SOCIETIES:

1989 World Medical Society
1988 Fellow of New York academy of science
1985 Fellow of American college of allergy, asthma and
 Immunology
1981 Emeritus fellow of American academy of allergy
 Asthma and Immunology
1979 Fellow of American College of Chest Physicians
1976 British Thoracic Society
1975 British Society of Immunology
1970 British Medical Association

EDOTORIAL BOARDS:

1997-present Treasurer, Board of Imam Reza University
1997-present Member of Iranian academy of medical sciences
1988-present Member of Iranian board of allergy and clinical
 immunology
1980-present member of Iranian post-doctoral of immunology and
 PhD of immunology
1978-present Editorial board of Iranian basic science journal
1977-present Editorial board of Iranian hospital journal, Dubai
1970-present Editorial board of Iranian medical journal

HONORARY DEGREES AND AWARDS:

- 1998 Award from Iranian American medical society
- 1998 Award winner for "Book of the year", Iranian universities
- 1997 Award winner for book of the year, I.R. Iran
- 1996 Distinguished university professor Islamic republic of Iran
- 1995 Award presented at the Khwarizmi Festival

PUBLICATIONS:

I. BOOKS:

- 1. Botanical Medicine in clinical Practice November 2008 ; chapter 68**
(Pycnogenol in the Treatment of inflammatory Diseases: Osteoarthritis ,Asthma and Heart Disease) and chapter 75 (Ginkgo)
- 2.HTLV-1 and Associated Disease Mashhad university press.**
550 pages .2010

1- Cellular and Molecular Immunology Sixth edition -Translated into Persian -2007

2- Allergy, Plants and Pollens , 2005

3- Basic Immunology functions and disorders of the immune system, 2004

4- Abbas, Cellular & Molecular Immunology, 5th ed., Translated into Persian, Hayyan Press, 2003.

5- Basic Immunology. Edited by R. Farid and colleagues. Ghods press, no. 249, 770 pages.

- 6- Abbas, cellular and molecular immunology, 4th ed. Translated into Persian, Jahad university press, Mashhad, 2000.
- 7- Cellular and molecular immunology, 3rd ed. Translated into Persian. Taymorzadeh pub., Tehran, 1999.
- 8- Cellular and molecular immunology, 2nded. Translated into Persian. Jahad University press, NO. 152, 1998,706 pages. (Book of the year).
- 9- Dictionary of immunology, 1996.
- 10- Asthma; pathophysiology and treatment . Qods press, NO.165,1993
- 11- Allergy and clinical immunology Qods press, NO.14, 1990, 596 pages. (University year book).
- 121- Basic and clinical immunology. Translated into Persian. Qods press, 1989, 300pages.
- 13- Immunology. Qods press, 462 pages, 1986.
- 14- Allergy and clinical immunology (Report of Symposium). University press, NO.91, 1986,470 pages.
- 15- Blood and blood product transfusion. University press, 1984, 302 pages.
- 16- Nasal allergy. University press NO. 86, 1984, 226 pages.
- 17- Pathophysiology of rheumatic and autoimmune diseases. Qods press, NO.86, 1984,226 pages.
- 18- Tuberculosis and modern treatment. University press, NO.104, 1982,230 pages.
- 19- Basic immunology. University press, NO.82, 1982,180 pages.
- 20- Basic immunology, 2nded.Mashhad university of medical sciences press, NO. 2, 1977, 384 pages.15.
- 21- Smoking or health. Translated into Persian from WHO report. National Health Press, 1976, 149 pages.

II . RESEARCH ARTICLES

1- Zidovudine and Interferon- α Treatment Reduces Vascular Endothelium Growth Factor in Patients with Adult T- Cell Leukemia

R.Farid ^{1,2} ;Mashhad University Medical Sciences , Mashhad , Iran , Islamic Republic of .² BU Ali Immunology Research center , Mashhad , Iran , Islamic Republic of .

March 13-March 17,2009

THE JOURNAL OF ALLergy AND Clinical Immunology .

2-Serological Markers of Blood Borne Viruses among Persons With Combined Factor V& VIII Deficiency

Hassan Mansouritorghabeh,^{1*} , Reza Farid Hosseini ¹ , Aliakbar Pourfathollah ² , Azizollah Behjati ¹

Hepatitis Monthly 008; 8(3): 221.224

3- Oral administration of the Purple Passion Fruit peel extract reduces wheeze and cough and improves shortness of breath in adults with asthma
Nutrition Research 28 (2008) 166-171

4- Oral Administration of the Purple Passion Fruit peel Extract Reduces Asthma Symptoms in Humans

2008 AAAAI Annual Meeting Philadelphia, Pennsylvania March 14-March 18,2008

5- Evaluating the Frequency of Invariant Natural Killer T (iNKT) Cells in Nasal Polyps

2008 AAAAI Annual Meeting Philadelphia, Pennsylvania March 14-March 18,2008

6- HIV type 1 subtype A epidemic in injecting drug user (IDU) communities in Iran.

Tagliamonte M, Naderi HR, Tornesello ML, Farid R, Buonaguro FM, Buonaguro L.

1: AIDS Res Hum Retroviruses. 2007 Dec; 23 (12) : 1569 – 74

**7- Increased micro vessel density in involved organs from patients with HTLV-1 associated adult T cell leukemia lymphoma
GHADA KCHOUR1, MAHDI TARHINI2, NOURIEH SHARIFI2, REZA FARID1
ALIREZA KHOEI2 , ABBAS SHIRDEL3 , JALIL TAVAKKOL AFSHARI1 , ALI
SADEGHIAN2 , ZAHER OTROCK4 , OLIVIER HERMINE5 , MARWAN EL-
SABBAN6, & ALI BAZARBACHI7
Leukemia & Lymphoma, February 2008; 49(2) : 265-270**

**8- Assessment of the Immune System Activity in Iranian Patients with Major Depression Disorder (MDD)
Iran .J.Immunology , VOL 4 NO 1 March 2007**

**9- Effects of Helicobacter Pylori Eradication on Chronic Idiopathic Urticaria
IJMS VOL 32, NO 1 March 2007**

**10- Association of the Expression of IL-4 and IL-13 Genes, IL-4 and IgE Serum Level with Allergic Asthma
Iran J Allergy Asthma Immune
June 2007; 6(2): 67-72**

**11- Association between HLA-DRB1* 01 and HLA-Cw*08 and Outcome Following HTLV-1 Infection
Iran J Immunology VOL 4 NO 2 June 2007**

**12-Association between the Polymorphisms of IL-4 Gene Promoter (-590>T), IL-13 Coding Region (R130Q) and IL-16 Gene Promoter (-295T>C) and Allergic Asthma
Iran J Allergy Asthma Immune
March 2007; 6(1): 9-14**

**13-Zidovudine and interferon- α treatment induces a high response rate reduces HTLV-1 proviral load and VEGF plasma levels patients with adult T cell leukemia from North East Iran.
Journal of Leukemia and Lymphoma
Feb-2007 (48) VOL 2:330-336**

**14-Skin Colonization With Staphylococcus Aurous In Patients With A topic Dermatitis
The Internet Journal of Dermatology. 2007; Volume 5, Number 1.**

15-Determination of mRNA Expression and serum Levels for IL-4 and IL-13 in Asthmatic patients
Journal of Allergy and Clinical Immunology
Vol 119 No.1 January 2007

16. HTLV-I Infection: Virus structure, Immune Response to the Virus and Genetic Association Studies in HTLV-1-Infected Individuals
Iran J Allergy Asthma Immunol
December 2006; 5(4): 153-166

17- Frequency and Clinical Manifestations of patients with primary Immunodeficiency Disorders in Iran : Update from the Iranian primary Immunodeficiency Registry
Journal of Clinical Immunology
Volume 26, Number 6/ November, 2006

18- Serum Levels of TNF- α , IL-6, and Selenium in patients with Acute and Chronic Coronary Artery Disease
Iranian J. Immunology . VoL. 3 NO. 3 Summer 2006

19-The prevalence of allergic rhinitis among 11-15 Years- old children in Shiraz
Journal Pediatric Allergy and Immunology ; 2006 (17):519-523

20- Tuberculosis of tongue: a case report (ERS); 2006

21- Evaluation of six-year allergen immunotherapy in allergic rhinitis alletgic asthma(ERS); 2006

22- A new treatment (Passion fruit) for asthma (ERS)|؛ 2006

23- Molecular and phylogenetic analysis of HIV-1 variants circulating among injecting drug users Mashhad – Iran
Infectious Agents and Cancer 2006,1:4 doi: 10,1186/1750-9378-1-4

24-Evaluation of Six Years Allergen Immunotherapy in Allergic Rhinitis and Allergic Asthma
Iran J Allergy Asthma Immunol - March 2006; 5(1): 29-31-

25- بررسی ارتباط کهیر مزمن با اتو آنتی بادیهای تیروئید
مجله دانشکده پزشکی دانشگاه علوم پزشکی مشهد
زمستان 1384، صفحه : 378-373

26- بررسی مقایسه ای کارآیی داروهای آنتی هیستامینیک جدید (لوراتادین و کلادیتین) در درمان رینیت آلرژیک

مجله گوش ، گلو ، بینی ، و حنجره ایران

دوره هفدهم، شماره چهل و دوم، زمستان 1384 صفحه 189-196

27- بررسی بالینی و آزمایشگاهی بی‌ماران مبتلا به لوسمی لنفوسیتی با HTLV-1

مجله دانشکده پزشکی دانشگاه علوم پزشکی مشهد

پایه 1384 - صفحه 271-276

28- Effect of aerobic exercise training on Pulmonary function and tolerance of activity in Asthmatic patients

IRANIAN Journal of ALLERGY, ASTHMA AND IMMUNOLOGY

Vol4. No.3, September 2005

29-Analysis of immune system and natural killer (NK) cells in patients who exposed to weapon mustard gas

Journal of the World Allergy Organization (WAO) ; 2005

30-The prevalence of allergic rhinitis among 11-15 Years- old children in Shiraz

Journal of the World Allergy Organization (WAO) ; 2005

31- Effects of treatment of Helicobacter pylori infection on Idiopathic Chronic Urticaria

Journal of the World Allergy Organization (WAO) ; 2005

32-Evaluation and association on chronic Idiopathic urticaria and anti- thyroidea antibodies

Journal of the World Allergy Organization (WAO) ; 2005

33- Leukocyte adhesion deficiency syndrome, report of three cases in north east of Iran

Journal of the World Allergy Organization (WAO) ; 2005

34- Relative marriage in Iranian patients with primary immunodeficiency disorders

Journal of the World Allergy Organization (WAO) ; 2005

35- Pycnogenol in the management of asthma

Journal of the World Allergy Organization (WAO) ; 2005

**36- Frequency of primdry immunodeficiency disorders Iron, the second report from Iranian primary Immunodeficiency Registry
Journal of the World Allergy Organization (WAO) ; 2005**

**37- Differences in viral and host genetic factors for development of human T-cell Lymphotropic Virus type 1 (HTLV-1)associated myelopathy /tropical apastic paraparesis between Iranian and Japanese HTLV-1 infected individuals
Journal of General Virology (2005) . 86,773-781**

**38- The role of interleukine -12 in protection induced by CpG ODN against Listeria monocytogenes in BALB/ c and C57BL/6
Springer – Verlag London Limited 2005 , 12 December**

39- Reza Farid et al. Serum level of selenium IL-4, IL-10, INF- α in patients ..., Iranian J. Immunology, Vol. 1, No. 1, 2004

40- H. Rafatpanah, R. Farid et al., Association of a novel single nucleotide. Polymorphism in human perforin Gen ..., Human Immunology, 65-839-840, 2004.

41- A. Bahrami, R. farid et al. Evaluation of serum level of cyclosporine ..., Medical T. of Mashhad University of Medical Sciences, Vol. 46, No. 82, 2004.

42- Z. Javidi, R. Farid et al. Studyof HTLV-1 and Vitiligo. Med. T. of Mashhad University of Med. Sci., 46.82, 2004.

43- V. Nobahar, R. Farid et al. Leukocyte adhesion defeciency syndrome..., Clin. and Investigation Medicine, Vol. 27, No. 4, Aug 2004.

44- R. Farid et al. Serum level of CD23..., Clin. and Investigation Medicine, Vol. 27, No. 4, Aug 2004.

45- R. Farid et al. Pycnogenol in the management of Asthma, Clin. and Investigation Medicine, Vol. 27, No. 4, Aug 2004.

46- Homan K., R. Farid et al, Isoforms of saffron pollen allergens, Clin. and Investigation Medicine, Vol. 27, No. 4, Aug 2004.

47- A. H. Saboori, R. Farid et al, AC77G point mutation in CD45 exon..., European J. of neurology 10-737-739, 2003.

48- M. Naghibi, R. Farid et al., Lab evaluation in kidney transplant..., Med. J. of Mashhad, Vol. 45, No. 76, 2003.

49- M. Abbaszadegan, R. Farid et al., Prevalence of Human T-Lymph tropic Virus Type 1 among blood D. from Mashhad, Iran J. of Clinical Microbiology, 41(6), 2593-2595, 2003.

50- R. Farid et al., Evaluation of Flutigason nasal spray versus Beclomethason in allergic rhinitis, Iranian J. Allergy Asthma and Immunology, Vol. 2, No. 2, Dec 2003.

51- R. Farid, R. Pishnamaz, HTLV-1 and associated disease..., Med. J. of Mashhad, Vol. 45, No. 76, 2003.

52- A. Aghamohammadi, R. Farid et al, Primary immunodeficiency in Iran. J. of Clinical Immunology, Vol. 22-6, 2002.

53- S. Hosseini, R. Farid et al, Pycnogenol in the management of Asthma, J. of Medicinal Food, Vol. 4, No. 4, 2001.

54- Naghibi Massih , M.D., Hassan – nia , Tahereh , M.D., Farid Hosseini, Reza, M.D. Evaluation of serum level of interleukin 2-* in diagnosis and prediction of Kidney transplantation. Mashhad Med J 72-44. 2001.

55- Hosseini, Saeed, M.D., Ph.D., Farid, R., M.D and Watson, Ronald, M.D., Pychugenal in the management of asthma. J of Medicinal Food, Vol 4, No.4, 2001.

56- Lari M.,M.D, Farid R., M.D. Primary Tumors and cysts of mediastinum in Khorassan northeast Iran . Med J Iran Hosp, Vol.3, No.2. Jan 2001.

57- Fawrhoudi, A, Respiratory Problems in immunodeficiency patient disorders in Iran. First edition. Shayan Hemoclar Pub., 2001.

58- Childhood asthma and study on 112 cases. J Islamic Rep Iran (under press)

59- Cytokine gene polymorphism in HTLV-I associated myelopathy (HAM/TSP), (Abstract). Immunology, Vol.101, page 113, Sup.1, Dec. 2000.

60- Serum levels of total IgE binding factor in atopic disease. Med J Iran Hsp, No.1, July 2000.

61- Immunotherapy with mycobacterium vacca in the treatment of multi... Med J Iranian Hospital, No.2, Vol .1, Feb .1999.

62- Phylogenetic of Human T-cell lymphotropic virus Type I in Iranians born in Mashhad, Arch of Iran Med, 1999, 2:24-25

63- Study of HTLV-I associated uveitis in the city of Mashhad. J Mashhad Med Sch, no 63,42,1999

64- Aerollergens, study of 246 cases. Med J Iranian Hospital, Dubai, No .2, Vol. 2, 1998.

65- Allergy to saffron (crocus sativus). Allergy Clin. Immun, No .4, 1997.

66- HLA class II in D.mellitus. J Mashhad Med Sch, No .61-41, 1996.

67- HTLV-I associated adult T- cell leukemia. J Mashhad Med Sch, No .50, 1995

- 68-IgE in myocardial infarction, J Mashhad Med Sch, No .49, 38, 1995
- 69- Allergy and Sffron (crocus sativus). Allergy & Clin Imm News, No.2, July 1994.
- 70- Allergy in childhood and study of 112 cases. Allergy & Clin Immun News, No. 2, July 1994
- 71- Ketotifen and cromolyn in Allergic asthma and double blind study. Allergy & Clin Immuno News, No 2, July 1994
- 72- Mycobacterium vac Immunotherapy in the treatment of TB. Iran J Med Sci, 19:1, 2, 1994.
- 73- Phylogenic Classification of HTLV-I, Gen Virology, Vol .75, Des. 1994, p.3655, 3666
- 74- ECP level in 25 nasal leakages from Allergic rhinitis compared with normal subjects. Allergy, No 16, vol 48, 1993
- 75- Seroepidemiology of HTLV-I in the city of Mashhad, northeastern Iran Sero Immuno Ther Infect Dis, 1003 pp 251, 252
- 76- Clinical manifestation of adult-T-cell lymphoma/leukemia associated with HTLV-I in north- eastern Iran. Iran J Med Sci, Vol .17, Nos.3, 4, Dec. 1992.
- 77- Immunotherapy for Drug resistant tuberculosis. Lancet, Vol .340, Nov.28, 1992
- 78- Ketotifen in childhood asthma. J Allergy, No.12, Vol .47, 1992.
- 79- Screening sera from the adult population of Mashhad and Gonabad for antibodies to HTLV-I. Med J Islamic Rep Iran, Vol. 6, No.2, summer 1992.

80- An open clinical on ketotifen on childhood asthma. J Allergy, No.12, Vol. 47, 1992, p. 115.

81- Comparative study of diflazacort and prednisolone in asthmatic patients. J Allergy & Clin Immunology News, Sept., No.1, 1991.

82- Double blind Clinical study on terfenadine and chlorpheniramine. Darow and Darman, No, 98, Esfand 1370, P.20

83- Review of new Immunology of asthma. Med J Mashhad Univ Med Sci, Vol. 33, No. 33-34, 1991

84- Immunology of tuberculosis. Med J Mashhad Univ Med Sci, Vol .34.No. 35, 1991, p.115.

85- Immunology of Asthma. J Drug & Treatment, No.82, 1990

86- Aeroallergens in North East of Iran. Annals of Allergy, Nov. 1990.

87- Evaluation of HLA in North East of Iran; study on 1000 healthy subjects. Med J Islamic Rep of Iran, No .4, 1990.

88- Evaluation of two doses terfenadine and chlorpheniramine. Med J Islam Rep Iran, No.1/2, 1989.

89-The distribution of Class I HLA in Khorasan. Med J Islam Rep Iran, No. 1/2

90- Pulmonary eosinophyllia; case report. J Mashhad Med Sch, No.1, 1988.

91- Clinical study of 300 Patients with Allergic rhinitis in Iran. Allergologia 8th Immunologia No.4, 1980.

92-Immunotherapy with Aeroallergen. J Drug & treatment, No. 68, 1987.

- 93- Allergic rhinitis in khorasan. J Mashhad Med Sch, No. 30, 1986.
- 94- Insect bite Allergy in Mashhad. J Mashhad Med Sch, No. 30, 1987.
- 95- Rheumatoid arthritis in east Iran. Med J Islamic Republic Of Iran, No .1, Nov .1987.
- 96- Study of 33 cases of multiple myeloma in Khorasan. Am J Orthopedic Rev, vol .xv, No.1, Jan 1986.
- 97- AIDS. J Drug & treatment, N.55, 1986.
- 98- Study of IL2 on SLE. J Mashhad Med Sch, No .15, 1986.
- 99- Evaluation of alternative treatment of PTB. J Mashhad Med Sch, No .4, 1985.
- 100- New concept of heat stroke treatment in Macca. J Drag & treatment, No. 19, 1985.
- 101- An epidemiological study approach to the study of echinococcosis in Iran Revista Iberica de Parasitologia, No.4, 1980.
- 102- HLA and transplantation. J Mashhad Med Sch, No. 2, 1979.
- 103- Eosinophyllic leukemia. J Mashhad Med Sch, No .2, 1978.
- 104- ICA in type I Diabetes Mellitus. J Mashhad Med Sch, No. 1, 1978.
- 105- Extrinsic Allergic alveolitis. Journal of Mashhad Medical School, No.2, 1977.
- 106- Alveolar cell carcinoma; case report. J Mashhad Med Sch, No.4, 1977.

107- Occurrence of virus in HAM/TSP. Med J Rep Iran Vol 12.

108- New Aspects in allergy and allergen Specific Immunotherapy.

Iran.J.Immunology .

Vol 6 No 3 sep 2009 .

109-Clinical and Immunological effect of Probiotic in childhood Atopic Dermatitis.

R.FARID.F.JABBARI...

J.Allergy Clin Immunol vol 125H2 2010-03-07

110-Chemotactic Movement of Inkt cells From Allergic Rhinitis

J.Allergy Clinical Immunology .

NO 166 Feb 2010

111-Comparison of Two Flow Cytometric Methods for Detection of Human Invariant Natural Killer T Cells (iNKT)

Iran.J.Immunol.Vol.7 No.1 March 2010

112-Autoimmune Lymphoproliferative Syndrome (ALPS) in a Boy with Massive Lymphadenopathy .

Hamid Reza Kianifar¹,Maryam Khalesi¹,Reza Farid²,Zahra Badiee³,Maryam Rastin⁴,and Hamid Ahanchian .

Iran J Allergy Asthma Immunol

September 2010;9(3):181-183

113- Oral intake of purple passion fruit peel extract reduces pain and stiffness and improves physical function in adult patients with knee osteoarthritis

Reza Farid ^{a,c}, Zahra Rezaieyazdi^b, Zahra Mirfeizi^b,Mohamad Reza Hatef^b,

Nutrition Research 30(2010)601-606

114- بررسی نقش سایتوکاین ها در عفونت بروسلوز ، آرتریت و کمردرد بروسلانی

دکتر نیره سعادتى ، دکتر رضا فرید حسینی ، دکتر امیررضا خلیقی ، دکتر جلیل توکل افشاری ، دکتر بهرام نقیب زاده

III. OVERVIEW OF PREVIOUS AND CURRENT RESEARCH PROJECTS:

ALLERGY RELATED PROJECTS:

1. Epidemiological survey of Allergy in Mashhad.
2. Incidence of Allergy in Mashhad Allergy clinics.
3. Comparison of SPT and ELA in the diagnosis of Allergic disorders.
4. Survey of Allergic plants in Mashhad.
5. Immunophenotypic features of Allergic and non-Allergic asthma.
6. Allergenicity of saffron (*crocus sativus*)
7. Possible cause of urticaria in Allergy clinic patients.
8. Analysis and preparation of Gingko Biloba tree and its medical properties.
9. Pycnogenol in management of Allergy asthma.
10. Serum Levels of CD₂₃ in patients with Allergic (asthma m rhinitis, atopic dermatitis) disorders.
11. Serum levels of IL-2 α in patients with acute versus stable asthma and Allergic versus non- Allergic asthma.
12. Relation between H. Pylori infection and urticaria or H. Pylori as a possible cause of Chronic Idiopathic Urticaria (CIU)
13. Aeroallergen in Khorasan province
14. ECP - MBP in Allergic rhinitis
15. IL- 2 and IL - 4 in allergic asthma
16. Study of selenium level on IL-4 and gamma interferon in Allergic asthma.

17. Comparative study of frequency of mite allergens in the home of allergic patients in Mashhad and Tabriz
18. Evaluation of effect of passion fruit on the treatment of mild and moderate persistent asthma
19. A Survey of management of chronic idiopathic urticaria with Atorvastatin
20. Additive Efficacy of Silymarin in treatment of perennial allergic rhinitis
21. Evaluating the effects of probiotics on serum levels of IL-4 and IFN- γ and the clinical manifestations of Atopic dermatitis in 6m to 5^{yr} old patients visiting the allergy clinic .

PROJECTS RELATED TO CLINICAL IMMUNOLOGY:

1. Immunofluorescence Assay for antibodies against Langrehan Island in IDDM patients
2. Flowcytometric study of T-cells in health and disease
3. Association of HLA DR alleles in IDDM patients
4. Serum levels of IL-2R in patients with renal transplantation
5. Epidemiological survey of HTLV-I in Khorassan
6. Sero prevalence of HTLV- I infection in Mashhadi mothers
7. Sero prevalence of HTLV- I infected patients and HAM/ TSP cases
8. Immunoflowtypic features of HAM/ TSP Patients (CD3, CD25)
9. Electron microscopic features of HTLV-I virus
10. Electron microscopic features of HTLV-I infection in idiopathic uveitis patients
11. Natural history and phylogenic study of HTLV-I virus strains

- 12-Study of immune system alterations in major Depressive Disorder (MDD)
- 13-Correlation between HTLV-1 Viral load and the plasma level of angiogenic factors in patients with adult T cell leukemia / Lymphoma
- 14- Immunologic study of HIV in mashhad
15. Seroepidemiology of HTLV - I in the city of mashhad
- 16.Study of HTLV- I in 200 hemodialysis patients
17. Seroepidemiology of HTLV - I in the city of Gonabad
- 18.Study of HTLV- I in pregnant women
19. Study of HTLV- I in leukemia and lymphoma in Khorasan
20. Seroepidemiology of HTLV - I in breast milk of HTLV- I positive individuals
- 21.Study of HTLV - 1 in sarcoidosis
- 22.Determination rate of PCR in HTLV- 1 in blood to Mashhad Blood Bank.
- 23.Clinical and laboratory study of ATL in patients with HTLV - 1 in Mashhad
- 24.Study of interleukin - 2 receptors in HAM/TSP in Mashhad
- 25.Clinical, radiologic, and laboratory manifestations of patients with HAM/ TSP
26. HLA/DRB polymorphism in patients with HAM/TSP
27. GM – CSF polymorphism in patients with HAM/TSP
28. Three year evaluation of biochemical change, blood level factor and relationship those disease in kidney transplantation reviser in Imam Reza hospital
- 29- **Evaluation of association of VEGF Plasma level in COPD**
- 30- Evolution of serum levels of TNF- α , IL-6 , selenium, Zinc, and Copper in patients with Acute and Chronic Coronary Artery Disease

31-Evaluation patients suspected to primary immunodeficiency in Mashhad, northeast of IRAN.

32.The evaluation of cardiovascular risk factors in one hundred patients with coronary artery ectasia .

33.The frequency and the viral load of CMV,EBV, adenovirus and Parvovirus B19 infections in MUMS transplant patients by Taqman real time PCR .

34.Comparison of Treg cells and NF- κ B activation with HTLV-1 viral load and plasma level of angiogenic factors in patients with adult T-cell

INTERNATIONAL CONGRESSES:

1. H. pylori and chronic urticaria. International Congress of Gastroenterology, Bangkok, May 2002.
2. Status of HTLV-I in Khorasan. International Congresses for HTLV-I and related diseases. Dublin, May 2001.
3. American Academy of Allergy, Asthma & Immunology, Present Paper, Denver Zoo, U.S., March, 2002.
4. American Academy of Allergy, Asthma & Immunology, Present Paper, San Francisco, U.S., 2003.
5. World Allergy Organization, Guest Speaker, Vancouver, Canada, 2003.
6. ERS Meeting, Present Paper, Glasgow, 2004.
7. International Congress of Immunology, Present Paper, Montreal, Canada, July 2004.
8. American Academy of Allergy, Asthma & Immunology, Present Poster, San Francisco, U.S., 2004
9. American Academy of Allergy, Asthma & Immunology, Present Poster,

New York, U.S., 2006

10.American Academy of Allergy, Athsma & immunology, Present Poster, **San Diego** , California , U.S., 2007

11.American Academy of Allergy, Athsma & immunology, Present Poster , Philadelphia, Pennsylvania , U.S., 2008