

## Curriculum Vitae Reza Falak

**Name:** Reza  
**Surname:** Falak  
**Date of birth:** 10<sup>th</sup> August 1971  
**Address:** Department of Immunology, School of Medicine, Iran University of Medical Sciences (IUMS), Tehran, Iran  
**E-Mail:** [Rezafalak@gmail.com](mailto:Rezafalak@gmail.com) , [Rezafalak@yahoo.com](mailto:Rezafalak@yahoo.com)

### Educational Status:

2007 - 2012: **Ph.D** Allergy/Immunology;

Department of Allergy/Immunology, Faculty of Medicine, Mashhad University of Medical Sciences (MUMS), Mashhad, Iran

**Thesis title:** Cloning and expression of grape allergic proteins and evaluation of pesticides effects on grape allergenicity

1998-2001: **M.Sc** Medical Immunology;

Department of Immunology, Faculty of Health, Tehran University of Medical Sciences (TUMS), Tehran, Iran

**Thesis title:** MMPs in allergic contact dermatitis

1993-1997: **B.Sc** Medical Laboratory Technology;

Department of Medical technology, Iran University of Medical Sciences (IUMS), Tehran, Iran

### Positions:

Date	Position	Organization
2011-2014	Assistant Professor of Immunology	Department of Immunology, Faculty of Medicine, Iran University of Medical Sciences (IUMS), Tehran, Iran
2004 - 2007	Teaching & Research Assistant	Department of Immunology, Faculty of Medicine, Iran University of Medical Sciences (IUMS), Tehran, Iran
Sept 1995 - Sept 2004	Medical Lab Technologist	Clinical Laboratory, Rasoul-e-Akram General Hospital, Faculty of Medicine, Iran University of Medical Sciences (IUMS), Tehran, Iran

### Books:

- 1- Khorramizadeh M.R., **Falak R.**; Principals of tissue culture technics (in Persian), published in 2009 by Tehran University Publications, TUMS, Tehran, Iran.
- 2- **Falak R.**; Principals and practical methods in purification of natural and recombinant proteins (in Persian). Published in 2013 by Boshra Publication Co.

### **Training and Qualifications:**

1. Mammalian tissue culture techniques
2. Monoclonal and polyclonal antibody production
3. Flowcytometry and a variety of cell separation methods
4. Immunoassay methods especially IFA, Blotting, ELISA, functional assays
5. Biochemistry and immunochemistry laboratory quality control assessment
6. Molecular biology methods such as RNA and DNA extraction, PCR cloning and recombinant protein expression and purification
7. Protein extraction and purification methods such as chromatography
8. Protein characterization methods
9. Protein glycosylation studies

### **Awards:**

- 1- **Best Oral Presentation Award**, 2010, Post-graduate students festival held in school of Medicine by Bu-Ali research center, Mashhad University of Medical sciences (MUMS), Mashhad, Iran.
- 2- **Best Poster Presentation Award**, 2009, Post-graduate students festival, MUMS, Mashhad, Iran.
- 3- **Outstanding Post-Graduate Student Investigators Award**, Deputy of Research 2008, MUMS, Mashhad, Iran.
- 4- **Top Ph.D Student Award**, 2008, Deputy of Education, School of Medicine, MUMS, Mashhad, Iran.

### **Lecturer and Lab Techniques Educator in Work Shops:**

1. **Monoclonal antibody production workshop**, held on 7-8 Dec 2010 at Biochemistry Department, School of Medicine, MUMS, Mashhad, Iran
2. **RT-PCR workshop**, 25-26 May 2011 , held in Immunobiochemistry lab, Bu-Ali Institute, Faculty of Medicine, MUMS, Mashhad, Iran
3. **Specific IgE determination methods**, 12-14 February 2014, Held in Immunology department of IUMS, at 6<sup>Th</sup> International Congress of Laboratory & Clinic

## Publications:

#	Subject	Details
1	Trouble shooting and discrepancies in allergy diagnosis	<b>Falak R</b> , Sankian M, Ketabdar H, Moghadam M, Varasteh AR; The role of anti-CCD antibodies in grape allergy diagnosis. Reports of Biochemistry & Molecular Biology 2013; 1(2)
2	Production of recombinant allergen	<b>Falak R</b> , Varasteh AR, Ketabdar H, Sankian M; Expression of grape class IV chitinase in <i>Spodoptera frugiperda</i> (Sf9) insect cells. Allergologia et immunopathologia 2013.
3	Hypothesis in Allergy (Review Article)	<b>Falak R</b> , Sankian M, Varasteh AR; The Possible Role of Organophosphorus Pesticides in Augmentation of Food Allergenicity: A Putative Hypothesis. Research Journal of Environmental Toxicology 2012; 6: 88-100.
4	Allergy Diagnosis	<b>Falak R</b> , Sankian M, Tehrani M, Jabbari Azad F, Abolhasani A, Varasteh AR; Clinical and laboratory investigation of oral allergy syndrome to grape. Iranian Journal of Asthma, Allergy and Immunology 2012; 11(2): 147-155.
5	Allergen Characterization	<b>Falak R</b> , Sankian M, Noorbakhsh R, Tehrani M, Assarehzadeghan MA, Jabbari Azad F, Abolhasani A, Varasteh AR; Identification and characterization of main allergic proteins in <i>Vitis vinifera</i> vitis. Food and Agricultural Immunology; 2013; 24(3): 255-268.
6	Allergen identification and production	Tehrani M, Sankian M, Assarehzadegan MA, <b>Falak R</b> , Noorbakhsh R, Moghadam M, Jabbari F, Varasteh AR Identification of a New Allergen from <i>Amaranthus retroflexus</i> Pollen, <i>Amaranthus retroflexus</i> L. Allergology International 2011; 60(3):309-16
7	Production of monoclonal antibodies	Soukhtanloo M, <b>Falak R</b> , Sankian M, Varasteh AR Generation and characterization of Anti-Chitinase Monoclonal Antibodies. Hybridoma 2011, 30(2): 145-151
8	Development of immunoassay for allergen quantification	Abedini S, Sankian M, <b>Falak R</b> , Tehrani M, Talebi F, Golsaz Shirazi F, Varasteh AR An approach for detection and quantification of fruits' natural profilin: natural melon profilin as a model. Food and Agricultural Immunology 2011, 22 (1):47-55
9	Cytokine profile in allergy	Farrokhi Sh, Mousavi T, Arshi S, Javahertarash N, Varasteh AR, <b>Falak R</b> , Rezaei N, Salekmoghadam AR. Effect of Treatment with Intranasal Corticosteroid and Oral Antihistamine on Cytokine Profiles of Peripheral Blood Mononuclear Cells of Patients with Allergic Rhinitis Sensitive to <i>Chenopodium album</i> . Iran J Allergy Asthma Immunol 2010; 9(4): 225-230.
10	Influence of food processing on allergenicity	Noorbakhsh R, Mortazavi A, Sankian M, Shahidi F, Maleki Jam S, Roozbeh Nasiraii L, <b>Falak R</b> , Sima HR, Varasteh AR Influence of processing on the allergenic properties of pistachio nut assessed in vitro. J. Agric. Food Chem 2010;58(18):10231-5
11	Allergen Identification	Tehrani M, Sankian M, Assarehzadegan MA, <b>Falak R</b> , Jabbari F, Varasteh AR Immunochemical characterization of <i>Amaranthus retroflexus</i> pollen extract: extensive cross-reactive allergenic components among the four species of <i>Amaranthaceae</i> / <i>Chenopodiaceae</i> . Iran J Allergy Asthma Immunol 2010; 9(2): 87-95.
12	Allergen Identification	Assarehzadegan MA, Sankian M Jabbari F, Tehrani M, <b>Falak R</b> , Varasteh A Identification of methionine synthase (Sal k 3), as a novel allergen of <i>Salsola kali</i> pollen. Mol Biol Rep, 2011, 38:65–73.
13	Allergy Immunotherapy	Mousavi T, Salek Moghadam AR, <b>Falak R</b> , Sadeghipoor AR, Hejazi M; Study of the Effects of CpG Oligonucleotides on IFN- $\gamma$ and IgE Responses to <i>Chenopodium Album</i> Allergen in Murine Model of Asthma. Journal of Iran university of medical sciences 2008; 15(59): 165-172.

14	Allergy Immunotherapy	Mousavi T, Salek Moghadam AR, <b>Falak R</b> , Tebyanian M; Co-Administration of CpG Oligonucleotides and Chenopodium album Extract Reverse IgG2a/IgG1 Ratios and Increase IFN-Gamma and IL-10 Productions in a Murine Model of Asthma. Iranian Journal of Allergy, Asthma and Immunology 2008; Vol. 7, No. 1, p. 1-6.
15	Allergy Immunotherapy	Mousavi T, Salek Moghadam AR, <b>Falak R</b> ; Immunotherapy of Chenopodium Album Induced Asthma by Intranasal Administration of CpG Oligodeoxynucleotides in BALB/c Mice. Iran. J. Immunol. 2008, 5 (1), 57-63.
16	Rheumatoid arthritis	Poormoghim H, Shekarabi M, Golnari P, Yazdipoor N, Nozari M, Farjam Nia A, <b>Falak R</b> ; Evaluation of diagnostic accuracy of anti-citrinated antibody in rheumatoid arthritis patients and its comparison with other rheumatoid disorders and normal individuals. Journal of Iran university of medical sciences, 2009, 16(62), 89-98
17	Cytokines in Breast cancer	Shekarabi M, Bahar B, Behbin M, Atri M, <b>Falak R</b> , Imani M, Danesh P; The Evaluation of Serum Levels of IFN-gamma, IL-12 and Percentage of CD4+, CD8+ and NK Cells in Peripheral Blood of Metastatic, Nonmetastatic Breast Cancer Patients and Normal Individuals. Journal of Iran university of medical sciences 2008; 14(57):113-120.
18	MMP2 in Allergic contact dermatitis	<b>Falak R</b> , Khorramizadeh MR, Pezeshki M, Mansouri P; Evaluation of Matrix Metaloproteinase 2 (MMP2) Activity in Contact Nickel Dermatitis Using Zymoanalysis in Comparison to Normal Individuals. Journal of Ghome University of medical sciences 2008; 1(4):45-53.
19	Allergy Immunotherapy	Mousavi T, Salek Moghadam AR, <b>Falak R</b> , Hejazi M, Asadi N; The Study of the Therapeutic Effects of CpG Oligonucleotides in Murine Model of Allergic Asthma. Journal of Ghom university of medical sciences 2007; 1(2):7-15.
20	CPG effect on MMP2 and Apoptosis	Khorramizadeh MR, Hosseinzadeh S, Safavifar F, Saadat F, Aalizadeh N, <b>Falak R</b> , Jadali Z, Pezeshki M; Interaction of CpG-Oligodeoxynucleotides with Toll Like Receptor 9 Induces Apoptosis and Modulates Metaloproteinase-2 Activity in Human Intestinal Epithelium. Iranian Journal of Allergy, Asthma, and Immunology 2007; 6(3): 107-114.
21	Nasal Polyposis and allergic rhinitis	Tabatabaee A, Farhadi M, Shamshiri AR, Nourbakhsh S, Mohammadi SH, <b>Falak R</b> ; Fungal infection in patients with nasal polyposis in two groups with high and normal serum IgE referred to Rasoul-e-Akram hospital for ENT surgery. Journal of Iran university of medical sciences, May 2006; 13(50):99-105.
22	Infectious disease	Nazer M, Nowroozi J, Mirsalehian A, Kazemi B, Moosavi T, Mehdizadeh A, Rashidan N, Keyhani A Masjedian F, Razavi S, <b>Falak R</b> The Prevalence of Chlamydia Trachomatis Infection in Iranian Asymptomatic Women. Research Journal of Medicine and Medical Sciences 2006, 1(4): 146-149.
23	MMP2 in Allergic contact dermatitis	Khorramizadeh MR, <b>Falak R</b> , Pezeshki M, Safavifar F, Mansouri P, Ghahary A, Saadat F, Varshokar K; Dermal Wound Fibroblasts and Matrix Metaloproteinases (MMPs): Their Possible Role in Allergic Contact Dermatitis. Iranian Journal of Allergy, Asthma, and Immunology 2004, 3(1): 7-11.

### Abstracts in Scientific Meetings:

#	Presentation type	Details
1	Poster	Hossein Rahavi, Seyed mahmoud Hashemi, Masoud Soleiman, <b>Reza Falak</b> , Nader Tajik; A simplified rapid method for isolation of islet cells from mouse pancreas; 13 <sup>th</sup> Iranian Congress of Biochemistry and 5 <sup>th</sup> International Congress of Biochemistry and Molecular Biology 16-19 April 2013, Yazd, Iran.
2	Lecture	Asghari F, Bahar MA, Raiani M, <b>Falak R</b> , Heydari Nasrabadi M, Shekarabi M; Evaluation of oral feeding of probiotics containing Lactobacillus acidophilus on peripheral blood of T cell subsets in chicken. The 2 <sup>nd</sup> national congress of probiotic and functional foods, 11-13 December 2012, Tehran, Iran.
3	Lecture	<b>Falak R</b> , Immunology of ENT, 11 <sup>th</sup> International congress of Immunology and Allergy, 26-29 April 2012, Tehran, Iran.
4	Poster	Ketabdar H, Sankian M, Khan Chamani J, <b>Falak R</b> , Varasteh AR; Expression of grape LTP in different prokaryotic hosts. 12 <sup>th</sup> Iranian congress of biochemistry and 4 <sup>th</sup> international congress of biochemistry and molecular biology, 6-9 Sep 2011, Mashhad, Iran. Indexed in Clinical Biochemistry, Volume 44, Issue 13, S314-5. (doi:10.1016/j.clinbiochem.2011.08.1005)
5	Electronic Poster Discussion	<b>Falak R</b> , Sankian M, Jamialahmadi Kh, Varasteh AR; Evaluation of chitinolytic activity of natural and recombinant forms of grape class IV chitinase. 12 <sup>th</sup> Iranian congress of biochemistry and 4 <sup>th</sup> international congress of biochemistry and molecular biology, 6-9 Sep 2011, Mashhad, Iran. Indexed in Clinical Biochemistry, Volume 44, Issue 13, S249-50. (doi:10.1016/j.clinbiochem.2011.08.619)
6	Poster	Moghadam M, <b>Falak R</b> , Sookhtanloo M, Sankian M, Varasteh AR; Development of anti-chitinase antibodies. 30 <sup>th</sup> annual congress of EAACI, 11-15 June 2011, Istanbul, Turkey.
7	Poster	<b>Falak R</b> , Sankian M, Ketabdar H, Tehrani M, Roozbeh L, Moghadam M, Varasteh AR; Expression of a grape allergen in SF9 cells. 30 <sup>th</sup> annual congress of EAACI, 11-15 June 2011, Istanbul, Turkey.
8	Poster	Alaeddini B, Roozbeh L, Basirnezhad M, Ketabdar H, <b>Falak R</b> , Tehrani M, Varasteh AR; Recent trends in treatment strategies and the usage of different probiotic bacteria. 30 <sup>th</sup> annual congress of EAACI, 11-15 June 2011, Istanbul, Turkey.
9	Poster	Tehrani M, Sankian M, Assarehzadegan MA, <b>Falak R</b> , Noorbakhsh R, Moghadam M, Jabbari F, Nouri HR, Roozbeh L, Varasteh AR; Identification of a new allergen from amaranthus retroflexus pollen, cobalamin-independent methionine synthase. 30 <sup>th</sup> annual congress of EAACI, 11-15 June 2011, Istanbul, Turkey.
10	Poster	Varasteh AR; Sankian M, <b>Falak R</b> , Noorbakh R, Assarehzadegan MA, Tehrani M, Abolhasani A, Jabbari F; Molecular cloning of grape chitinase. 30 <sup>th</sup> annual congress of EAACI, 11-15 June 2011, Istanbul, Turkey.
11	Poster	Ketabdar H, <b>Falak R</b> , Sankian M, Chamani J, Moghadam M; Roozbeh L, Varasteh AR; Cloning, expression and purification of grape thaumatin like protein (TLP) in a prokaryotic host. 30 <sup>th</sup> annual congress of EAACI, 11-15 June 2011, Istanbul, Turkey.
12	Poster	Hosseinpour T, Sankian M, <b>Falak R</b> , Sookhtanloo M, Nouri HR; Varaste AR.; Production of monoclonal antibody against grape lipid transfer protein. 30 <sup>th</sup> annual congress of EAACI, 11-15 June 2011, Istanbul, Turkey.
13	Lecture	<b>Falak R</b> . Recombinant allergens in Iran. National Immunology seminar, 28-29 April 2011, Tabriz, Iran.
14	Lecture	<b>Falak R</b> , Sankian M, Tehrani M, Abolhasani A, Jabbari F, Varasteh AR; Evaluation of

		glycosylation state of grape allergens. International Asthma, Allergy and Immunology Congress; 27-29 Oct 2010, Mashhad, Iran.
15	Poster	Ketabdar H, Sankian M, Chamani J, <b>Falak R</b> , Tavasolian P, Varasteh AR; Molecular cloning of grape lipid transfer protein. International Asthma, Allergy and Immunology Congress; 27-29 Oct 2010, Mashhad, Iran.
16	Poster	Farrokhi S, Mousavi T, Arshi S, Varasteh AR, Javaherterash N, <b>Falak R</b> , Rezaei N, Salekmoghadam A; Effect of treatment with intranasal corticosteroids and antihistamines on cytokine profile of patients with allergic rhinitis. International Asthma, Allergy and Immunology Congress; 27-29 Oct 2010, Mashhad, Iran.
17	Lecture	<b>Falak R</b> , Sankian M, Tehrani M, Jabbari F, Abolhasani A, Varasteh AR; Component-resolved diagnosis of grape allergy with purified natural allergens. The 10 <sup>th</sup> Iranian Congress of Immunology and Allergy, 18-20 May 2010, Tehran, Iran; indexed in Iranian J. of Immunology, 7 (Suppl. 1):14
18	Poster	<b>Falak R</b> , Sankian M, Tehrani M, Jabbari F, Abolhasani A, Varasteh AR; IgE binding profile of grape extract in grape-allergic patients with oral allergy syndrome, 6-10 June 2009, Warsaw, Poland; indexed in Allergy 64 (Suppl. 90): 551–598, EAACI 2009
19	Lecture	<b>Falak R</b> , Sankian M, Assarehzadegan MA, Tehrani M, Moghadam M, Jabbari F, Abolhasani A, Varasteh AR; Proteomic study of grape allergic proteins. The second Iranian proteomics congress, 23-24 Apr 2009, Tehran, Iran
20	Poster	Tehrani M, Sankian M, Jabbari F, Assarehzadegan M, <b>Falak R</b> , Varasteh AR; Molecular and Immunological Characterization of Ama r 2, an Allergen from Amaranthus retroflexus, 6-10 June 2009, Warsaw, Poland; indexed in Allergy 64 (Suppl. 90): 551–598, EAACI 2009
21	Poster	<b>Reza Falak</b> , Mehdi Shekarabi, Parivash Danesh, Maryam Naserbakht, Malihe Chehrehghosha; Diagnostic and prognostic value of serum soluble intercellular adhesion molecule-1 in Breast cancer. The 9 <sup>th</sup> Iranian Congress of Immunology and Allergy, 17-19 Jun, 2008, Tehran, Iran
22	Poster	<b>Reza Falak</b> , Mehdi Shekarabi, Parivash Danesh, Malihe Chehrehghosha, Maryam Naserbakht; Evaluation of serum Interleukin-18 in breast cancer. The 9 <sup>th</sup> Iranian Congress of Immunology and Allergy, 17-19 Jun, 2008, Tehran, Iran
23	Lecture	khosravi Mashizi A., Entezami Z., Bahar M.A., Mousavi T., Danesh P., <b>Falak R</b> , Eimani M. Evaluation of Serum Levels of TH1 Cytokines and Percentage of lymphocytes in Breast Cancer Patients. The 9 <sup>th</sup> Iranian Congress of Immunology and Allergy, 17-19 Jun, 2008, Tehran, Iran
24	Poster	khosravi Mashizi A., Entezami Z., Danesh P., <b>Falak R</b> Study of lymphocyte population in seventh day post-burn in motahari hospital's burn patients. The 9 <sup>th</sup> Iranian Congress of Immunology and Allergy, 17-19 Jun, 2008, Tehran, Iran
25	Lecture	Biramvand M., Ormazdi H., Akhlaghi L., Sarvi Sh., <b>Falak R</b> , Danesh P.; Studies of some biochemical and immunological indexes in the serum of Blastocystis hominis infected individuals. The 6 <sup>th</sup> Iranian national congress of Parasitology, 27-29 May 2008, Karaj, Iran; Indexed in Iranian J Parasitology, Supplementary Issue, Vol 3, No. 1
26	Poster	Tahereh Mousavi, Alireza Salek Moghadam, <b>Reza Falak</b> ; Mucosal 11 immunotherapy with CpG oligodeoxynucleotides increases local IL-10 concentration in a murine model of chronic asthma. World Allergy Congress (TM), 2-6 December, 2007, Bangkok, Thailand
27	Poster	Mousavi T., <b>Falak R</b> , Hejazi M., Tebianian M.; Modulation of immune response to inhaled Chenopodium Album allergenic extract by CPG oligodeoxynucleotides in a murine model of asthma. International conference of Immunogenomics and Immunomics (2 <sup>nd</sup> basic and clinical immunogenomics and 3 <sup>rd</sup> immunoinformatics conferences), 8-12 October 2006, Budapest, Hungary
28	Poster	<b>Falak R</b> , Shekarabi M, Danesh P.; Developing a novel easy fluorescent method for phagocytosis assay & Evaluation of phagocytic indexes in Balb/c peritoneal macrophages. The 5 <sup>th</sup> national congress on improving the quality in clinical laboratories, 4-6 January,

		2007, Tehran, Iran
29	Poster	Danesh P, <b>Falak R</b> , Shekarabi M; Evaluation of phagocytic indexes of neutrophils in normal population by Immunofluorescent microscopic assay. The 5 <sup>th</sup> national congress on improving the quality in clinical laboratories, 4-6 January, 2007, Tehran, Iran
30	Poster	<b>Falak R</b> ; Khorramizadeh MR; Pezeshki M; Danesh P; Evaluation of proteolytic activity by zymography assay. The 5 <sup>th</sup> national congress on improving the quality in clinical laboratories, 4-6 January, 2007, Tehran, Iran
31	Poster	khosravi Mashizi A., Entezami Z., Bahar M.A., Mousavi T., Danesh P., <b>Falak R</b> , Immani M. ; Study of peripheral blood lymphocyte subsets in burn patients. The 8 <sup>th</sup> Iranian Congress of Immunology and Allergy, 16-18 May, 2006, Tehran, Iran
32	Lecture	<b>Falak R</b> ; Pezeshki M; Mansouri P; Ghahary A; Khorramizadeh MR; Zymoanalysis of MMP2 activity in nickel dermatitis. The 8 <sup>th</sup> Iranian Congress of Immunology and Allergy, 16-18 May, 2006, Tehran, Iran
33	Poster	Khorramizadeh MR; Pezeshki M; Mansouri P; <b>Falak R</b> ; Safavifar F; Ghahary A; Cellular Characterization of Allergic Contact Dermatitis. 13 <sup>th</sup> Annual Meeting of American Contact Dermatitis Society, 21 February 2002, New Orleans, USA
34	Poster	Khorramizadeh MR; Pezeshki M; Mansouri P; <b>Falak R</b> ; Safavifar F; Ghahary A; Dermal Wound Fibroblasts and Matrix Metalloproteinases (MMPs): Their Possible Role in Allergic Contact Dermatitis. 20 <sup>th</sup> world congress of Dermatology Annual Symposium of the Wound Healing Society, 29 May- 1 June 2002 Baltimore, Maryland, USA
35	Poster	Khorramizadeh MR; Pezeshki M; Mansouri P; <b>Falak R</b> ; Safavifar F; Ghahary A; Cellular Characterization of Occupational Contact Dermatitis. 20th world congress of Dermatology, July 2002 Paris, France

### **Other Publications:**

- 1- **Falak R**; Applications of collagenases in medicine; *Razi journal*, December 2006, vol 11 (# 203), 27-31. (Persian)
- 2- **Falak R**; Laboratory assesment of proteolytic enzymes; *Physician & Laboratory journal*, Sept 2006, vol 21, 41-45. (Persian)
- 3- **Falak R**, Danesh P.; Curcumin and its biological properties; *Physician & Laboratory journal*, Feb 2007, vol 24, 29-30. (Persian)
- 4- AbdolReza Varasteh, Mohammad Soukhtanloo, **Reza Falak**. Monoclonal Antibody Introducing: Monoclonal antibodies D1 and D4 against grape chitinase. *Hybridoma*, August 2010, 29(4), 373

### **Sequences Submitted to PubMed:**

- 1- FJ821454.1 GI:225810598, Salsola kali Sal k 3 pollen allergen mRNA, partial cds; Assarehzadegan MA, Sankian M, Jabbari F, Tehrani M, **Falak R**, Varasteh A
- 2- FJ821454.1 GI:225810598, Amaranthus retroflexus pollen allergen MetE mRNA, partial cds; Tehrani M, Sankian M, Assarehzadegan MA, **Falak R**, Jabbari F Varasteh AR.

**Papers Under Preparation or Submission:**

1. **Falak R**, Sankian M, Farshchian, Hajian M, Mokhtarian A, Varasteh AR; Niconazol spraying may alter the expression level of grape pathogenesis related proteins. Under preparation.
2. **Falak R**, Sankian M, Varasteh AR. Vitis vinifera thaumatin like protein; cloning in prokaryotic system and homology modeling. Under preparation.

**Books Under Preparation:**

1. **Falak R**. Practical methods in separation and evaluation of immune system cells.