Curriculum Vitae (C.V)



Personal Details:

Name: Vahid
Last Name: Mohammadi shahrokhi
Place & Date of Birth: Rafsanjan, Iran, 1970/08/024
Nationality: Iranian
Marital Status: Married (Two daughters)
Address: Associate Professor at Faculty of Medicine, Iran University of Medical Sciences
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Language: Main language: Persian

Educational History:

Degree	Field	Institution	City	Country	Date
Ph.D	Immunology	Isfahan University of Medical Sciences	Isfahan	Iran	2016-December
M.D	Medicine	Isfahan University of Medical Sciences	Isfahan	Iran	1997-September

Thesis:

Ph.D thesis: Evaluation of the prophylaxis effects of Derp2 vaccine with adjuvants (MPLA, CPG, BCG) on acute atopic asthma in Balb/c

Academic Administrative Appointment:

Head of Moradi Hospital, Rafsanjan University of Medical Sciences, from 2008-2009.

Head of Ali ibn Abi Talib Hospital, Rafsanjan University of Medical Sciences, from 2009-2010.

Head of Niknafs Hospital, Rafsanjan University of Medical Sciences, from 2010-2011.

Member of Research Council of Moradi Hospital, Rafsanjan University of Medical Sciences, from 2008-2009.

Master of educational plan, Rafsanjan University of Medical Sciences, from 2017 until 2021.

Member of Immunology of Infectious Diseases Research Center from 2019 up to now

Member of the Health vocational education and training Center from 2021 up to now

President of Rafsanjan University of Medical Sciences from 2021 up to now

Member of the examination and evaluation and immunology planning board from 2024

Professional History:

Payame noor university of Rafsanjan, in 2006-2007.
(Units of physiology, Neurophysiology and endocrinology)

Rafsanjan University of Medical Sciences from 2016 up to now then "Immunology" to students of Medical of basic sciences and physiopathology, Dental, Nursing, Midwifery Sciences, Laboratory science, Anesthesia, Masters degree of immunology, Rafsanjan University of Medical Sciences.

Work Experience:

1999- 2011, Rafsanjan University of Medical Sciences, as head of monitor of treatment & head of three hospitals and emergency department physician. President of Rafsanjan University of Medical Sciences from 2021 up to now

Special Training:

Degree of Training Module of Hospital Mini MBA from University of Social Welfare and Rehabilitation Sciences, Tehran, Iran. January 18, 2010.

The 6th International Conference of Quality Managers 17th -20th July 2005 Tehran. Iran

International Congress of Immunology and Allergy, Tehran, Iran 2014
15th International Congress of Immunology and Allergy 2021

Work Shop:

1- Flow Cytometry Workshop at University of Isfahan by CMG Company 28/29th Apr 2014.
2- How to work with Icdl – Word at Rafsanjan University of Medical Sciences, February 5, 2006- February 27, 2006
3- Excel 2004 Course, at Rafsanjan University of Medical Sciences, February 28, 2006- April 12, 2006
4-Presentation Course, at Rafsanjan University of Medical Sciences, May 16, 2006-June 8, 2006.
5-Data Bases Course, at Rafsanjan University of Medical Sciences, April 18, 2006- May 15, 2006.
6- Information Technology, at Rafsanjan University of Medical Sciences, July 25, 2006- August 1, 2006
7-Two weeks Comprehensive Physician Workshop on Emergency Medicine Leadership at Tehran University of Medical Sciences and The George Washington University, Penn State University, Oregon Health and Science University ,John Hopkins University, and Loma Linda University, in March 2003.

PUBLICATION

1- Shole Daneshvar-Ghahfarokhi, Hassan Ahmadinia, Tabandeh Sadeghi, Elham Basirat, **Vahid Mohammadi-Shahrokhi :**Achillea millefolium capsule improved liver enzymes and lipid profile compared to placebo in patients with type 2 diabetes: a double-blind randomized clinical trial .2025
2- M Abbasifard, **V Mohammadi-Shahrokhi**, H Khorramdelazad Stromal-derived factor-1: The glycoprotein fueling autoimmune storms via CXCR4 and CXCR7.2025
3- **V Mohammadi-Shahrokhi**: The Association of Immune Cells and Key Cytokines with the Pathogenesis of Asthma: A Comprehensive Review.2025

4- Reza Hosseiniara , **vahid mohammadi- shahrokhi** doi,Sadegh Zarei, Rouhullah Dehghani: 10.48307/fmsj.2024 Aedes Mosquito and dengue fever in iran and worldwide …2024

5- Zahra Kamiab, Hossein Khorramdelazad, Mehdi Kafi, Abdollah Jafarzadeh, **Vahid Mohammadi-Shahrokhi**, Zahra Bagheri-Hosseinabadi, Pooya Saeed Askari, Mitra Abbasifard:Role of Interleukin-17 family cytokines in disease severity of patients with knee osteoarthritis.2024

6- F Rostamabadi, R Nosratabadi, A Rahnama, **V Mohammadi-Shahrokhi** Pharmaceutical Sciences 30 (4), 486-495: Hypericum perforatum Alleviates Ovalbumin-Induced Asthma through Downregulating TH2 and Upregulating TH1 Related Parameters in BALB/C Mice.2024

7- Shole Daneshvar-Ghahfarokhi, Fatemeh Ayoobi, Hassan Ahmadinia, Reza Vazirinejad, **Vahid Mohammadi-Shahrokhi**: Investigating the relationship between liver health status with coffee and tea consumption in participants referred to the Rafsanjan Cohort study in Iran.2024

8- Shole Daneshvar-Ghahfarokhi, **Vahid Mohammadi-Shahrokhi**, Amir Rahnama, Reza Nosratabadi:Teucrium polium Extract Alleviates Pathological Features of Asthma via lL-12 and IFN-γ Modulation in Murine OVA-induced Allergic Asthma.2023

9- Shole Daneshvar-Ghahfarokhi, Amir Rahnama, **Vahid Mohammadi-Shahrokhi**:Teucrium polium Extract Attenuates Inflammation in Asthma by Reducing RORγt Transcription and Increasing IL-10 Secretion in an Ovalbumin-induced Murine Asthma Model. 2023

10- Soheila Yousefi, **Vahid Mohammadi Shahrokhi**, Ali Mehdipour, Mohammad Safarian, Mehdi Zeinali, Mojtaba Mirzamohammadi, Ali Anbarian, Maral Mohammadi Shahrokhi, Mohammad Kazemi Arababadi: Interleukin 4 Is an Important Factor to Overcome Cardiovascular Suspected Patients Independent of CC Chemokine Receptor 5.2021

11- **Mohammadi Shahrokhi V**, Ravari A, Mirzaei T, Zare-Bidaki M, Asadikaram G, Arababadi MK: IL-17A and IL-23: plausible risk factors to induce age-associated inflammation in Alzheimer's disease. Immunological Investigations, 2018

12- Nosratabadi R, Alavian SM, Zare-Bidaki M, **Shahrokhi VM**, Arababadi MK: Innate immunity related pathogen recognition receptors and chronic hepatitis B infection. Mol Immunol. Volume 90, October 2017, Pages 64-73

13- **V Mohammadi-Shahrokhi**, A Rezaei, A Andalib, A Rahnama, A Jafarzadeh, N Eskandari: Immunomodulatory Effects of Adjuvants CPG, MPLA, and BCG on the Derp2-Induced Acute Asthma at Early Life in an Animal Model of BALB/c Mice. Inflammation. 2017;40(1),259-274

14- **Vahid Mohammadi-Shahrokhi**, Abbas Rezaei, Alireza Andalib, Amir Rahnama, Abdollah Jafarzadeh, Nahid Eskandari: Improvement of Th1/Th2 and Th1/Treg Imbalances by Adjutants CPG, MPLA and BCG in a Model of Acute Asthma Induced By Allergen Derp2 in BALB/c Mice. Iranian Red Crescent Medical Journal.2017;19(3),1-11

15- Mohammadreza Mokhtaree **Vahid Mohammadi Shahrokhi**: Effect of Life Enrichment and Advanced program (LEAP) On Achievement Motivation In 16-17 years old Girls with Addicted Father. Iranian Registry of Clinical Trials. 2012

16- **Vahid Mohammadi-Shahrokhi**, Maryam Ebrahim, Reza Bidaki, Mehdi Khaleghinia, Seyed Mohsen Mousavi, Mohammad Kazemi ArababadiCan depression and anxiety consider as risk factor for expression of RIG-1 and MDA5 in the chronic HBV infected patients? At the acceptance stage (medicalanalyze.com)

Experience Teaching

2000-2006"Emergency Medicine "to students of Medical Science, in Emergency Center Ali ibn Abi Talib Hospital, Rafsanjan University of Medical Sciences.

2006-2007 "Physiology"to students of Psychology Science, Payame noor university of Rafsanjan.

2016 up to now then "Immunology" to students of Medical of basic sciences and physiopathology, Dental, Nursing, Midwifery Sciences, Laboratory science, Anesthesia,Masters degree of immunology, Rafsanjan University of Medical Sciences.

Clinical / Practical

Technical Skills:

1. Flow cytometry
2. ELISA Test
3. Technique inducing asthma in mice
4. Interpretation of spirometry

Research project:

1-Effect of Life Enrichment and Advanced program (LEAP) On Achievement Motivation In 16-17 years old Girls with Addicted Father, Iranian Registry of Clinical Trials, 2012

2-Evaluation of the prophylaxis effects of Derp2 vaccine with adjuvants (MPLA, CPG, BCG) on acute atopic asthma in Balb/c. Iranian national science foundation, 2017

3- Improvement of Th1/Th2 and Th1/Treg imbalances by adjutants CPG, MPLA and BCG in a model of acute asthma induced by allergen Derp2 in BALB / c Mice. Published 2017

4- Innate immunity related pathogen recognition receptors and chronic hepatitis B infection. Molecular Immunology.Volume 90, October 2017

5- IL-17A and IL-23: plausible risk factors to induce age-associated inflammation in Alzheimer's disease. Immunological Investigations, 2018

6- Evaluation of serum levels of interleukin 4 in peripheral blood of patients under coroner arteries angiography and the relationship between Delta 32 mutation in CCR5 gene and CAD disease in patients refferd to the Aliyebn Abitaleb Hospital's Angiography Department during 2016-2017

7- The effect of Hypericum perforatum extract on the expression of GATA3، T-bet، Foxp3 genes in balb/c mices with allergic asthma.

8- Evaluation of the immunostimulatory effects of hydro-alcoholic extract of Glycyrrhiza glabra in an animal model of breast cancer

9- Evaluation the effects of autologous transplantation of Interferon-gamma(IFN-γ) and Tumor necrosis factor-alpha (TNF-α) treated mesenchymal stem cells on the expression of TH1, TH2, TH17 and Treg cell-related parameters in recurrent spontaneous abortion (RSA) in a mouse animal model.

10- Survey the effect of hydroalcoholic extract of Teucrium in acute asthma by evaluating IFN-γ, IL-10 and Rorγt cytokines, genes of these cytokines, IL-12 gene and histological view of lung tissue in balb / c mouse model

10-Evaluation of the relationship between improvement or induction of allergic diseases after treatment with classical and biological Disease-modifying antirheumatic drugs (DMARD) in referred patients with rheumatoid arthritis to Rheumatology clinic in Rafsanjan city (ongoing)

11-Evaluation of the relationship between improvement or induction of allergic diseases after treatment with classical and biological Disease-modifying antirheumatic drugs (DMARD) in referred patients with rheumatoid arthritis to Rheumatology clinic in Rafsanjan city (ongoing)

12-Evaluation of the relationship between the gene expression of Intracellular nucleic acid sensors and the level of neutralizing antibodies in response to COVID-19-vaccine (Oxford–AstraZeneca) (ongoing)

13-Evaluation of the relationship between inflammasome activation pathway and neutralizing antibody levels in response to COVID-19-vaccine (Oxford–AstraZeneca) (ongoing)

14-Determination of the serum IL-25&17 levels in patients with or without osteoarthritis reffering to Rafsanjan's Rheumatology clinic in year 2020 (1399) (ongoing)
15-Evaluation of the immunostimulatory effects of hydro-alcoholic extract of Glycyrrhiza glabra in an animal model of breast cancer (ongoing)
16- Evaluation of the effect of Hypericum perforatum plant extract on the expression of T-bet, GATA3 genes and serum levels of cytokines IL-10, IFN-λ in Balb/c mice with allergic asthma
17- Study of the effect of hydro alcoholic extract of Teucrium polium on acute asthma by evaluating IFNy, IL-10 cytokines and expression of RoRyt transcription factor and IL-12 gene and histological view of lung tissue in Balb / c mouse model

Research Interests:

Atopic asthma, Immunotherapy and vaccination

Specific Skills:

Flow cytometry , ELISA

Recreation:

STUDY, TREATMENT, SWIMMING, TRAVELING

REFERENCES:

1. Dr Abdolah Jafarzade, PhD of Immunology, Rafsanjan and Kerman University of Medical Sciences,Immunology Department. Tel:09131916186.

2. Dr Abbas Rezaei, PhD of Immunology, Isfahan University of Medical Sciences, Immunology Department. Tel: 09131294310.

3. Dr Reza Nosratabadi, PhD of Immunology, Kerman University of Medical Sciences,Immunology Department. Tel:09154159351.
4. Dr Nahid Eskandari, PhD of Immunology, Isfahan University of Medical Sciences, Immunology Department. Tel: 0913۵۶۹۹۳۶.