Curriculum Vitae



Department of Medical Immunology, Afzalipour faculty of Medicine,
Kerman University of Medical Sciences, Kerman, Iran

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Personal Details:

Name: Reza
Last Name: Nosratabadi
Place & Date of Birth: Sirjan, Iran, 23/09/1974
Nationality: Iranian
Marital Status: Married (Two daughters)
TEL: 09137317876
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Language: Persian

Educational History:

Degree	Field	Institution	City	Country	Date
Ph.D	Immunology	Mashhad University of Medical Sciences	Mashhad	Iran	2015
M.Sc	Immunology	Mashhad University of Medical Sciences	Mashhad	Iran	2002
B.Sc	Laboratory Sciences	Kerman University of Medical Sciences	Kerman	Iran	2000
H.Sc	Laboratory Sciences	Hormozgan University of Medical Sciences	Bandar Abbas	Iran	1996

Thesis:

Ph.D thesis: Evaluation of immunological effects of Hypericum Perforatum aqueous extract and its effective component, Hyperforin (free and gold nanoparticle coated forms) on EAE

M.Sc thesis: Determination of Herpes simplex virus DNA presence by PCR in CSF from patients with suspected viral meningoencephalitis

Professional History:

- Afzalipour Faculty of Medicine, Kerman University of Medical Sciences, from 2018.

- Faculty of Medicine, Rafsanjan University of Medical Sciences, from 2015- 2018.

- Faculty of Medicine, Islamic Azad University-Zahedan Branch, from 2002-2010.

Work Experience:

-April 1996-February 1998, Fahraj Hospital Lab, Bam, Iran

-February 2000-November 2000, Insurance office, Kerman, Iran

-October 2001-February 2002, Qaem Hospital, Immunology Lab, Mashhad, Iran

- October 2015- June 2018, Rafsanjan University of Medical Sciences.

- June 2018- continue, Kerman University of Medical Sciences.

Workshop:

1- August 2015, Prezi software, Mashhad University of Medical Sciences.
2- July 2015, ISI workshop, Mashhad University of Medical Sciences.
3- October 2014, SPSS workshop, Mashhad University of Medical Sciences.
4- November 2013, Endnote Desktop, Mashhad University of Medical Sciences.

5- November 2012, Power point workshop, Mashhad University of Medical Sciences.
6- November 2012, Excel workshop, Mashhad University of Medical Sciences.
7- December 2012, Poster preparation, Mashhad University of Medical Sciences.
8- December 2012, Advanced Microsoft word, Mashhad University of Medical Sciences.
9- February 2013, Plant extraction methods, Mashhad University of Medical Sciences.
10-January 2007, How to Extracting Information of Text, Islamic Azad University-Zahedan Branch, Iran.
11-October 2016, Align professor of cultural, Rafsanjan University of Medical Sciences.

PUBLICATION

❖ **Books:**

Cellular and Molecular Immunology. Translated by:
Reza Farid Hoseini, Seyed Abdolrahim Rezaee, Mohammad Ali Asarzadegan, Farhad Farid Hoseini, **Reza Nosratabadi**, Zohreh Salehipour, Asadolah Mohammadi, Qasem Qalamfarsa, Abbas Pishdadian, Ali Ganji.

❖ **Articles:**

1- Fatemeh Mohammadi, Merat Mahmoodi, Zahra Taghipour, Hamideh Bashiri, Jafar Ahmadi, Pouya Pashazadeh, Batoul Kavyani, Ali Jomehzadeh, **Reza Nosratabadi.** Amelioration of adjuvant-induced arthritis by carvacrol and *Lactobacillus rhamnosus*: role of pro-inflammatory cytokines and T cell-mediated inflammation. Inflammopharmacology. 2026. 1-19.

2- Fatemeh Mohammadi Henjeroei, Niloufar Nosratabadi, Hossein Pourghadamyari, Akbar Anaeigoudari, Farnaz Sedghy, **Reza Nosratabadi.** Neutrophils in Coronavirus Disease 2019: Guardians or Triggers of Immunopathology? Cell Biochemistry and Function, 2026; 44: e70186.

3- Shohreh Fadaghi1, **Reza Nosratabadi**, Mahdi Ranjkesh, Farnaz Sedghy, Ahmadreza Behzadi, Merat Mahmoodi .Reduction of Tumor Necrosis Factor Alpha Secretion by Tetrandrine-Treated Adipose Tissue –Derived Mesenchymal Stem Cells as an Immunosuppressive Alkaloid. Scientific Journal of Kurdistan University of Medical Sciences**.** 2026;31(2):211-218.

4- **Reza Nosratabadi**, Siyavash Joukar, Gholamreza Sepehri, Akbar Anaeigoudari . A narrative review of therapeutic potential of cedrol and its intracellular signaling. Avicenna J Phytomed. 2026, 1-17.

5- Saad Asakere, Amir Mohammad Zahedi, Sajjad Heydari, Zahra Matloubi, **Reza Nosratabadi**, Roohollah Mirzaee Khalilabadi & Ladan Langroudi. BSA-curcumin nanoparticles selectively target breast cancer cells and reprogram the immunosuppressive tumor microenvironment in vitro. Scientific reports. (2026) 16:30830.

6- Mohammad Mahdi Yaghooti-Khorasani, Khodabakhsh Mirshekari Soleimani, **Reza Nosratabadi**. RIG-I and MDA5 Expression Levels in the Inflamed Pulp Tissues of Dental Caries. Adv Pharma Scie. 2025. 28; 14; 130

7- Arezoo Babazadeh, **Reza Nosratabadi**, Hamid Daneshvar, Mahmoud Mahmoudi, Houshang Rafatpanah, Jalil Tavakol Afshari, Parisa Zafari, Seyed-Alireza Esmaeili. The Effect of *Lactobacillus rhamnosus* and *Lactobacillus delbrueckii* on Fibroblast-like Synoviocytes (FLS) Isolated from the Synovium of Rheumatoid Arthritis Patients. *Pharmaceutical Sciences*, 2025, 30(2), 170-178.

8- Reyhane Khajezade, Hossein Fallah, Kazem Abbaszadeh Goudarzi, Hadi Khodabandehloo, **Reza Nosratabadi**, Hossein Pourghadamyari. Cultivated Meat Production, Toward a Sustainable Revolution in Food Systems: A Review Study. Journal of Jiroft University of Medical Sciences. 2025 (12) 1-13.

9- Rosita Azar Bahadori, Dina Shabani, Elham Arjmandrad, Mahsa Kazerani, Mina Rohani, Zohreh Ramazani Karim, Masoud Ali-Kheyl, Reza Nosratabadi, Hossein Pourghadamyari, Mohammad Ali Zaemi. Circulating miRNA-106b-5p As a Potential Biomarker for Coronary Artery Disease. *International Journal of Molecular and Cellular Medicine. 2024; 13(3):325-336.*

10- Merat Mahmoodi, Fatemeh Mohammadi Henjeroei, Gholamhossein Hassanshahi, **Reza Nosratabadi**. Do chemokine/chemokine receptor axes play paramount parts in trafficking and oriented locomotion of monocytes/macrophages toward the lungs of COVID-19 infected patients? A systematic review. Cytokine 175 (2024) 156497.

11- Reza Nosratabadi, Mahdi Ranjkesh, Mohammad Safari, Mahnaz Ramezani, Nahid Zainodini, Merat Mahmoodi. *In Vitro* Effects of Curcumin in Free and Phytosomal Forms on the Expression of T Helper1 and Regulatory T

Cells' Transcription Factors in Collagen-Induced Arthritis. Advanced Biomedical Research, 2024.

12- Fahimeh Rostamabadi, **Reza Nosratabadi**, Amir Rahnama, Vahid Mohammadi-Shahrokhi. *Hypericum perforatum* Alleviates Ovalbumin-Induced Asthma through Downregulating TH2 and Upregulating TH1 Related Parameters in BALB/C Mice. *Pharmaceutical Sciences*, 2024, 30(4), 486-495.

13- **Reza Nosratabadi**, Fatemeh Anaeigoudari, Akbar Anaeigoudari. Therapeutic potential of Zataria multiflora: A narrative review of current evidence. Asian Pacific Journal of Tropical Biomedicine 2023; 13(11): 451-459.

14- 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. Iran J Allergy Asthma Immunol. 2023; 22(4):327-336.

15- Zahra Darvish, Ramiar Kamal Kheder, Tola Abdulsattar Faraj, Soran K. Najmaldin, Samaneh Mollazadeh5, **Reza Nosratabadi**, Seyed-Alireza Esmaeili. A better understanding of the role of the CTLA–CD80/86 axis in the treatment of autoimmune diseases. Cell Biochem Funct. 2023;1–15.

16- Mohammad A. Roohi, Ladan Langroudi, **Reza Nosratabadi**, Mehdi Ranjbar, Fardin Khajepour, Mohammad R. Zangouyee. Royal Jelly Nanoparticle Alleviates Experimental Model of Breast Cancer Through Suppressing Regulatory T Cells and Upregulating TH1 Cells. Clin. Lab. 2023;69.

17- Mahnaz Ramezani, Nahid Zainodini, **Reza Nosratabadi**, Yaser Yousefpoor, Zahra Taghipour, Mitra Abbasifard, Mohammad Reza Rahmani. Phytosomal curcumin alleviates collagen-induced arthritis by downregulating Th17 and upregulating Treg cell responses in rats. Asian Pacific Journal of Tropical Biomedicine 2022; 12.

18- Fardin Khajepour, Mohammad Reza Zangouyee, Arezu Khosravimashizi, Ali Afgar, Vahideh Abdollahi, Shahriar Dabiri, **Reza Nosratabadi**. Caraway extract alleviates atopic dermatitis by regulating oxidative stress, suppressing Th2 cells, and upregulating Th1 cells in mice. Asian Pacific Journal of Tropical Biomedicine 2022; 12(10): 421-429.

19- Mahmoud Mahmoudi, Maryam Rastin, Mohammad Kazemi Arababadi, Akbar Anaeigoudari, **Reza Nosratabadi**. Enhancing the efficacy of Hypericum perforatum in the treatment of an experimental model of multiple sclerosis using gold nanoparticles: an in vivo study. Avicenna J Phytomed, 2022; 12(3): 325-336.

20- **Reza Nosratabadi**, Ali Golshiri-Isfahani, Soheila Rahmanzadeh-Shahi, Gholamreza Asadikaram, Mohammad Kazemi Arababadi. Interleukin 17A: A Potential Target for Its Plausible Roles in the Pathogenesis of Idiopathic Epistaxis. Iranian Journal of Otorhinolaryngology. 2022, 34, 120, 45-50.

21- Gholamhossein Hassanshahi, Mohammad Amin Roohi, Seyed-Alireza Esmaeili, Hossein Pourghadamyari, **Reza Nosratabadi**. Involvement of various chemokine/chemokine receptor axes in trafficking and oriented locomotion of mesenchymal stem cells in multiple sclerosis patients. Cytokine. 2021, 148, 1-10.

22- Akbar Anaeigoudari, Hamid Reza Mollaei, Mohammad Kazemi Arababadi, **Reza Nosratabadi**. Severe acute respiratory syndrome coronavirus 2: The role of the main components of the innate immune system. Inflammation. 2021,44, 2151-2169.

23- Shokrollah Assar, **Reza Nosratabadi**, Hossein Khorramdel Azad, Javad Masoumi, Mahshad Mohamadi, Gholamhossein Hassanshahi. A review of immunomodulatory effects of fluoroquinolones. Immunological Investigations. 2021, 50, 1007-1026.

24- **R Nosratabadi**, M Kazemi Arababadi, M Mortazavi, M Houra, R Bidaki, F Nazem-kazerani. Investigating the relationship between IFN-γ levels in the maternal serum and neonatal cord blood in term and prolonged deliveries in Rafsanjan Niknafs Maternity in 2018. Community Health Journal. 2019,13, 1-9.

25- Amir Reza Heidari, Samaneh Boroumand-Noughabi, **Reza Nosratabadi**, Fahimeh Lavi Arab, Nafiseh Tabasi, Maryam Rastin, Mahmoud Mahmoudi. Acylated and deacylated quillaja saponin-21 adjuvants have opposite roles when utilized for immunization of C57BL/6 mice model with MOG35-55. Multiple Sclerosis& related disorders. 2019, 29, 68-82

26- Hassan Doulabi, Maryam Rastin, Hossein Shabahangh, Ghodratollah Maddah, Abbas Abdollahi, **Reza Nosratabadi**, Seyed-Alireza Esmaeili, Mahmoud Mahmoudi. Analysis of Th22, Th17 and CD4+ cells co-producing IL-17/IL-22 at different stages of human colon cancer. Biomedicine & Pharmacotherapy 2018, 103 (103) 1101–1106.

27- Mohammad Kazemi Arababadi, **Reza Nosratabadi**, Gholamreza Asadikaram. Vitamin D and toll like receptors. Life Sciences 2018 (203) 105–111.

28- Mohammad MY Khorasani, Pouria Andam-Shahsavari, Nahid Zainodini, Hossein Khoramdelazad, **Reza Nosratabadi**. Association of S100 calcium-binding protein A12, receptor for advanced glycation endproducts, and nuclear factor-κB expression with inflammation in pulp tissues from tooth caries**.** *J Invest Clin Dent.* 2017, 1-5.

29- Mahmoud Hosseini, Akbar Anaeigoudari, Farimah Beheshti, Mohammad Soukhtanloo, **Reza Nosratabadi**. Protective effect against brain tissues oxidative damage as a possible mechanism for beneficial effects of L-arginine on lipopolysaccharide induced memory impairment in rats. DRUG AND CHEMICAL TOXICOLOGY, 2017, 1-8.

30- Zohre Salehipour, Dariush Haghmorad, Mojtaba Sankian, Maryam Rastin, **Reza Nosratabadi**, Mohammad Mehdi Soltan Dallal, Nafiseh Tabasi, Mahdieh Khazaee, Leila Roozbeh Nasiraii, Mahmoud Mahmoudi. Bifidobacterium animalis in combination with human origin of Lactobacillus plantarum ameliorate neuroinflammation in experimental model of multiple sclerosis by altering CD4+ T cell subset balance. Biomedicine & Pharmacotherapy 2017 (95) 1535–1548.

31- **Reza Nosratabadi**, Seyed Moayed Alavian, Mohammad Zare-Bidaki, Vahid Mohammadi Shahrokhi, Mohammad Kazemi Arababadi. Innate immunity related pathogen recognition receptors and chronic hepatitis B infection. Molecular Immunology 2017 90 (90) 64–73.

32- Majid Kianmehr, Dariush Haghmorad, **Reza Nosratabadi**, Abdolrahim Rezaei, Azam Alavinezhad, Mohammad Hossein Boskabady. The Effect of Zataria multiflora on Th1/Th2 and Th17/T Regulatory in a Mouse Model of Allergic Asthma. Frontiers in Pharmacology 2017; (8) 458-470.

33- **Reza Nosratabadi**, Vahid Bagheri, Mohammad Zare Bidaki, Hamid Hakimi, Nahid Zainodini, Mohammad Kazemi Arababadi. Toll like receptor 4: an important molecule in recognition and induction of appropriate immune responses against *Chlamydia* infection. Comparative Immunology, Microbiology & Infectious Diseases 2017; (51) 27-33.

34- Askari A, **Nosratabadi R**, Khaleghinia M, Zainodini N, Kennedy D, Shabani Z, Kazemi Arababadi M. Evaluation of NLRC4, NLRP1, and NLRP3, as Components of Inflammasomes, in Chronic Hepatitis B Virus-Infected Patients. Viral Immunology 2016; 29 (9) 496-501.

35- **Nosratabadi R**, Rastin M, Sankian M, Haghmorad D, Mahmoudi M**.** Hyperforin-loaded gold nanoparticle alleviates experimental autoimmune encephalomyelitis by suppressing Th1 and Th17 cells and upregulating

regulatory T cells. Nanomedicine: Nanotechnology, Biology, and Medicine 2016; 12(7):1961-71.

36- Zare-Bidaki M, Assar S, Hakimi H, Abdollahi SH, **Nosratabadi R**, Kennedy D, Kazemi Arababadi M. TGF-β in Toxoplasmosis: friend or foe? Cytokine 2016; 86**,** 29-35.

37- Haghmorad D, Salehipour Z, **Nosratabadi R**, Rastin M, Kokhaei P, Mahmoudi MB, Amini AL, Mahmoudi M. Medium-dose estrogen ameliorates experimental autoimmune encephalomyelitis in ovariectomized mice. J of Immunotoxicology 2016; 13 (6) 885-896.

38- Bakhshi Aliabad MH, Jafari E, Karimi Kakh M, **Nosratabadi R**, Bakhshi H, Sheikhha MH, Bidaki R, Askari A, Kazemi Arababadi M. Anxiety leads to up-regulation of CD36 on the monocytes of chronic hepatitis B-infected patients. The International Journal of Psychiatry in Medicine 2016; 51(5) 467–475.

39- **Nosratabadi R**, Rastin M, Sankian M, Haghmorad D, Tabasi N, Zamani S, Aghaee A , Salehipour Z, Mahmoudi M. St. John's wort extract and its component hyperforin alleviate experimental autoimmune encephalomyelitis through expansion of regulatory T cells. J of Immunotoxicology 2015; 13(3): 364-74.

40- Akbar Anaeigoudari, Mohammad Naser Shafei, Mohammad Soukhtanloo, Hamid Reza Sadeghnia, Parham Reisi, **Reza Nosratabadi**, Sepehr Behradnia and Mahmoud Hosseini. The effects of L-arginine on spatial memory and synaptic plasticity impairments induced by lipopolysaccharide. Advanced biomedical research 2015; 4.

41- Rastin M, Mahmoudi M, Rezaee SA, Assarehzadegan MA, Tabasi N, Zamani S, **Nosratabadi R**, Haghmorad D, Sheikh A, Khazaee M, Panah HR. Distribution of Hepatitis C virus genotypes in city of Mashhad, North-east of Iran. Indian J Med Microbiol 2014; 32(1):53-6.

42- Masoud Karimi, **Reza Nosratabadi**, Mohammad Zare-Bidaki, Gholamhossein Hassanshahi, Maryam Ebrahim, Mohammad Kazemi Arababadi, Derek Kennedy. Important Roles Played by TGF-b in Hepatitis B Infection. Journal of Medical Virology 2013; 9999:1–7.

43- Maryam Rastin, Mahmoud Mahmoudi, Mohammadreza Hatef, Maryam Sahebari, Nafiseh Tabasi, Dariush Haghmorad, **Reza Nosratabadi**, Shahrzad Zamani, Mahdieh Khazaee, Mitra Masoudian. T Lymphocyte Apoptosis in Systemic Lupus Erythematosus Patients. Iran J Basic Med Sci 2013; 16, (8). 936-941.

44- **R Nosratabadi** R, MK Arababadi, VA Salehabad. Vitamin D receptor polymorphisms in type 2 diabetes in southeastern Iranian patients. Laboratory Medicine 2011; 42 (1), 32-34.

45- **Nosratabadi R**, Arababadi M K, Akbarpour V,Shamsizadeh A, Mahmoudi M, Sayadi A R, Kenedy D. Polymorphisms within Exon 9 but not intron 8 of the Vitamin D Receptor are associated with the nephropathic complication of type-2 diabetes. Int j ImmunoGenetic 2010; 37, 1-5.

46- Arababadi, M.K, **Nosratabadi R**. et al. Nephropathic complication of type 2 diabetes is following pattern of autoimmune diseases? diabet research&clin prac 2010; 8733-37.

47- **Nosratabadi R**, Arababadi,M.K, Hassanshahi G, Yaghini N, Pooladvand V, Shamsizadeh A. Evaluation of IFN-γ serum level in Nephropathic Type 2 Diabetic patients. pakis j of Biolo Sci 2009; 12(9):746-749.

48- **Nosratabadi R,** Saneei Moghadam E**,** Arababadi M K. etal: IgA Deficiency Frequency in Zahedan Blood Transfusion Services Donors. Journal Med Sci 2009; 8 (5), 519-522.

Experience

Teaching:

2018-Continued “Immunology” to students of Kerman University of Medical Sciences.
2015-continued “Immunology” to students of Medicine, Nursing, Midwifery, Laboratory Sciences, Faculty of Medicine, Rafsanjan University of Medical Sciences.

2002-2010 “Immunology” to students of Nursing, Midwifery, Laboratory Sciences, Faculty of Medicine, Islamic Azad University, Zahedan Branch.

2002-2010 “General Biochemistry” to students of Nursing, Midwifery, Laboratory Sciences, Faculty of Medicine, IAU, Zahedan Branch.

2004-2009 “Safety&Immunity in clinical laboratory” to students Laboratory Sciences. Faculty of Medicine, IAU, Zahedan Branch.

2002-2010 “Biochemical Laboratory” to students of Nursing, Midwifery, Laboratory Sciences, Faculty of Medicine, IAU, Zahedan Branch.

Clinical / Practical

Technical Skills:

1. Real Time PCR, PCR, DNA & RNA Isolation
2. Flow cytometry
3. Nanotechnology
4. Cell culture and ELISA
5. SDS-PAGE, RFLP, Southern Blotting

Research project:

1- Investigation of the effects of Lactobacillus rhamnosus and Myrtinol, alone and in combination, on inflammatory factors and cognitive behaviors in valproic acid - induced autism mouse models. 2026

2- Investigation of effect of vitamin C on ethanol-induced memory impairment. 2026

3- Investigation of the therapeutic effects of cedrol on different body systems, and its antioxidant, anticancer and underlying signaling pathways: a narrative review study. 2026

4- Investigation of the Association Between Some Biochemical Factors and Pathological Features, with the Expression of Some Tumor-Related Genes in Peripheral Blood Mononuclear Cells (PBMCs) of Breast Cancer Patients. 2026.

5- Investigating the role of neutrophils in immune defense and immunopathology of COVID-19: A scoping review.2026.

6- Frequency survey of toxocariasis among patients with ocular disorders attending ophthalmology clinics in Kerman Province. 2026.

7- Evaluation the effects of carvacrol and probiotic (Lactobacillus rhamnosus) alone and in combiation on inflammasome (NLRP3) and some oxidant and anti-oxidant parameters in a murine model of rheumatoid arthritis. 2025.

8- Comparison of liver function factors and inflammatory parameters in patients with nonalcoholic fatty liver disease and healthy individuals and their relationship with disease severity. 2025.

9- Evaluation the effects of carvacrol and probiotic (Lactobacillus rhamnosus) alone and in combination on the expression of TRL4 gene and its downstream molecules in a mouse model of rheumatoid arthritis. 2025.

10- Evaluation the effects of carvacrol and Lactobacillus rhamnosus alone and in combination on some inflammatory parameters in lipopolysaccharide-induced intestinal cells. 2025.

11- Investigation and comparison of serum levels of miR-106b-5p, miR-20a-3p, miR-17-3p miR-146a-5p, and miR-155-3p in people Coronary Artery Disease (CAD) and healthy people. 2025.

12- Evaluation the effects of carvacrol and probiotic (Lactobacillus rhamnosus) alone and in combination on some inflammatory and anti-inflammatory parameters in an experimental model of rheumatoid arthritis.2024.

13- Evaluation of aqueous alcoholic extract of saffron on reducing side effects of cisplatin in lung cancer cell lines. 2022.

14- Survey the effect of probiotics (lactobacillus rhamnosuson and delbrueckii) on Fibroblast-like synoviocytes (FLS) derived from synovium of rheumatoid arthritis patients in cell culture media. 2021.

15- Preparation and evaluation the effects of a topical product from nanostructures containing royal jelly on inflammasomes and their downstream molecules in a murine model of atopic dermatitis.2020.

16- Invitro effects of curcumin in free and phytosomal forms on the expression of Tbet (transcription factor of Th1 cells) and Foxp3 (transcription factors of Treg cells) in collagen-induced arthritis model. 2020.

17- Evaluating the effect of polymeric nanostructures containing royal jelly on TH1 and regulatory T cells' parameters in a murine model of breast cancer. 2019.

18- Evaluation of the expression level of inflammasomes and their down-stream molecules in rats with rheumatord arthritis treated with nanostructure containing royal jelly. 2019.

19- Evaluation the therapeutic effect of caraway extract on TH2 cells' parameters in a murine model of Atopic dermatitis. 2019.

20- Investigation the effect of phytosomal curcumin on the expression of some inflammatory genes in rheumatoid arthritis animal model. Rafsanjan University of Medical Sciences. 2018

21- The effect of a liposomal form of an indole component on Bcl-2, BAX, PML/RARα, p21 expression in NB4 cell line. Rafsanjan University of Medical Sciences. 2018

22- Survey on the serum levels of IFN-γ of maternal and umbilical cord blood in term and postterm delivery. Rafsanjan University of Medical Sciences. 2018

23- The comparison serum levels of IL-1, IL-10, IL-12, IL-17A and IL-23 in the epistaxis patients and healthy control. Rafsanjan University of Medical Sciences. 2017

24- Evaluation of protective effects of royal jelly against nano-silver particles on histologic structure and function of mice hippocampus. Rafsanjan University of Medical Sciences. 2017

25- Evaluation of immunological effects of Hypericum Perforatum aqueous extract and its effective component, Hyperforin (free and gold nanoparticle coated forms) on EAE. Mashhad University of Medical Sciences, 2010- 2015.

26- Evaluation of the frequency of functional polymorphisms in -819 region of IL-10 promoter in Multiple Sclerosis patients and healthy control. Islamic Azad University-Zahedan Branch, Iran, 2010.

27- A survey on the frequency of intron 8 and exon 9 polymorphisms in Vitamin D Receptor gene in type 2 diabetes and healthy controls, Islamic Azad University-Zahedan Branch, Iran, 2009.

28- Evaluation of serum level of interleukin 17 and interferon gamma in diabetic type 2 with and without nephropathy, Islamic Azad University-Zahedan Branch, Iran, 2008.

29- Prevalence of IgA Deficiency in blood donors of Zahedan blood transfusion center, Islamic Azad University-Zahedan branch, Iran, 2007.

30- Serologic Evaluation of Brucellosis in patients visiting 22 Bahman Hospital in small province of khash, Islamic Azad University-Zahedan Branch, Iran, 2004.

Presentation & Congress

1- The efficacy of St. John's wort in the treatment of experimental autoimmune encephalomyelitis in C57BL/6 mice. The 14th international congress of immunology & allergy. Tehran, April 2018.

2- Hyperforin-loaded gold nanoparticle alleviates experimental autoimmune encephalomyelitis by suppressing Th1 and Th17 cells and upregulating regulatory T cell. The 1st Congress of Paramedical Sciences in Great zone-8.

3- Immunological effect of hyperforin on EAE. The 12th international congress of immunology & allergy. Tehran, April 2012.

4- Evaluation of hyperforin (free and nanogold form) on EAE mice model. The 4th research congress in Mashhad University of Medical Sciences. 2011.

5- Serologic Evaluation of Brucellosis in patient visiting 22 Bahman hospital in small province of khash. The first Iranian academic congress on zoonotic diseases.14-15 June.2005

6- Prevalence HBS Ag, HBS Ab, HBC Ab markers among new entrant medical students of Islamic Azad University in Zahedan. 13th Iranian congress on infectious diseases and tropical medicine.11-15 Dec.2004.

✓ **Supervisions at Mashhad University of Medical Sciences**

1. Survey the effect of probiotics (lactobacillus rhamnosus and delbrueckii) on Fibroblast-like synoviocytes (FLS) derived from synovium of rheumatoid arthritis patients in cell culture media (2023).

2. Preparation and evaluation of topical product of royal jelly-containing nanostructures on expression of inflammasome and its downstream molecules in mouse model of atopic dermatitis (2023).

3. Preparation and evaluation of royal jelly loaded layered double hydroxide nanoparticles as a novel candidate for treatment of breast tumor model (2022).

4. Bioinformatic prediction and in vitro validation of lncRNAs and their target mRNAs in colon cancer (2022) Advisor.

5. Invitro effects of curcumin in free and phytosomal forms on the expression of Tbet (transcription factor of Th1 cells) and Foxp3 (transcription factors of Treg cells) in collagen-induced arthritis model (2021).

6. The effect of hypericum extract on the expression of GATA3، T-bet genes and serum level of IL-10 and IFN-γ in experimental allergic asthma in BALB/c mice (2021).

7. Studying the effect of the hydroalcoholic extract of Calpore plant in acute asthma by evaluating cytokines IFN-g, IL-10, and the expression of transcription factors RORc and gene IL-12 and the histological appearance of lung tissue in a mouse model BALB/c (2022). Advisor

Research Interests:

Autoimmunity, Allergy and Nanotechnology

جوایز:

۱. رتبه سوم پژوهشگر برتر دانشکده پزشکی، دانشگاه علوم پزشکی رفسنجان (۱۳۹۵).

۲. پژوهشگر برتر دانشگاه آزاد اسلامی زاهدان (۱۳۸۹).

فعالیتهای اجرائی

۱. معاون آموزشی گروه ایمنی شناسی از سال 1401

۲. مسئول اساتید مشاور، دانشکده پزشکی، دانشگاه علوم پزشکی کرمان از سال ۱۴۰۲

۳. عضو کمیته پژوهش در آموزش دانشگاه علوم پزشکی کرمان از سال ۱۴۰۲

۴. عضو کمیته رفاهی، دانشگاه علوم پزشکی کرمان از سال ۱۴۰۱

۵. عضو شورای پژوهشی، دانشکده پزشکی، دانشگاه علوم پزشکی کرمان از سال ۱۴۰۰

۶. معاون آموزشی گروه ایمنی شناسی از سال ۱۳۹۵ تا ۱۳۹۷

۷. مدیر گروه علوم آزمایشگاهی دانشگاه آزاد اسلامی زاهدان از سال ۱۳۸۲ تا ۱۳۸۷

References:

1. Dr. Mahmoud Mahmoudi, Department of Immunology, Mashhad University of Medical Sciences, Mashhad, Iran. mahmoudim@mums.ac.ir

2. Dr. Mojtaba Sankian, Department of Immunology, Mashhad University of Medical Sciences, Mashhad, Iran. sankianm@mums.ac.ir

3. Dr. Abdollah Jaafarzadeh, Department Medical Immunology, Kerman University of Medical Sciences, Kerman, Iran. jafarzadeh14@yahoo.com.