

## Curriculum Vitae



Department of Immunology, Faculty of Medicine,  
Rafsanjan University of Medical Sciences, Rafsanjan, Iran

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### Personal Details:

Name: Reza

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Place & Date of Birth: Sirjan, Iran, 1353/07/01

Nationality: Iranian

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Language: Main 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

**Academic Administrative Appointment:**

Head of Laboratory Sciences department, Islamic Azad University-Zahedan, Branch, from 2003-2008.

**Professional History:**

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

Teaching: Immunology, General Biochemistry, Safety&Immunity in clinical laboratory

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

**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

**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

- 1- **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.
- 2- 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.
- 3- **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.
- 4- Zare-Bidaki M, Assar S, Hakimi H, Abdollahi SH, **Nosratabadi R**, Kennedy D, Kazemi Arababadi M. TGF- $\beta$  in Toxoplasmosis: friend or foe? *Cytokine* 2016; 86, 29-35.
- 5- 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.

- 6- Bakhshi Aliabad MH, Jafari E, Karimi Kakh M, **Nosratabadi R**, Bakhshi H, Sheikha 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.
- 7- **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.
- 8- 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.
- 9- Rastin M, Mahmoudi M, Rezaee SA, Assarehzadegan MA, Tabasi N, Zamani S, **Nosratabadi R**, Haghmorad D, Sheikh A, Khazaei 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.
- 10- Masoud Karimi, **Reza Nosratabadi**, Mohammad Zare-Bidaki, Gholamhossein Hassanshahi, Maryam Ebrahim, Mohammad Kazemi Arababadi, Derek Kennedy. Important Roles Played by TGF- $\beta$  in Hepatitis B Infection. *Journal of Medical Virology* 2013; 9999:1–7.
- 11- Maryam Rastin, Mahmoud Mahmoudi, Mohammadreza Hatef, Maryam Sahebari, Nafiseh Tabasi, Dariush Haghmorad, **Reza Nosratabadi**, Shahrzad Zamani, Mahdieh Khazaei, Mitra Masoudian. T Lymphocyte Apoptosis in Systemic Lupus Erythematosus Patients. *Iran J Basic Med Sci* 2013; 16, (8). 936-941.
- 12- **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.

- 13-** **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.
- 14-** 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.
- 15-** **Nosratabadi R**, Arababadi, M.K, Hassanshahi G, Yaghini N, Pooladvand V, Shamsizadeh A. Evaluation of IFN- $\gamma$  serum level in Nephropathic Type 2 Diabetic patients. *pakis j of Biolo Sci* 2009; 12(9):746-749.
- 16-** **Nosratabadi R**, Saneei Moghadam E, Arababadi M K. et al: IgA Deficiency Frequency in Zahedan Blood Transfusion Services Donors. *Journal Med Sci* 2009; 8 (5), 519-522.

## **Experience**

### **Teaching:**

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- 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- continued
- 2- 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.
- 3- 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.
- 4- 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.
- 5- 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.
- 6- Prevalence of IgA Deficiency in blood donors of Zahedan blood transfusion center, Islamic Azad University-Zahedan branch, Iran, 2007.
- 7- 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- Immunological effect of hyperforin on EAE. The 11<sup>th</sup> international congress of immunology & allergy. Tehran, April 2012.
- 2- Evaluation of hyperforin (free and nanogold form) on EAE mice model. The 4<sup>th</sup> research congress in Mashhad University of Medical Sciences. 2011.
- 3- 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
- 4- Prevalence HBS Ag, HBS Ab, HBC Ab markers among new enterant medical students of Islamic Azad University in Zahedan. 13<sup>th</sup> Iranian congress on infectious diseases and tropical medicine. 11-15 Dec. 2004.

### **Research Interests:**

Autoimmunity, Nanotechnology

### **Hobbies:**

Reading Novels, Tennis, Traveling