

Nahid Rezaei

Ph.D. of Immunology
Assistant Professor
Immunology Department, School of Paramedical,
Lorestan University of Medical Sciences (LUMS),
Khorramabad, IRAN
E-mail: rezaeina@gmail.com

Education

Isfahan University of Medical Science

Ph.D. in Immunology
Research Supervisor: Dr. Mazdak Ganjalikhani Hakemi, 2018

Shiraz University of Medical Sciences

M.Sc. in Immunology
Research Supervisor: Dr. Eskandar Kamali-Sarvestani, 2009

Kerman University of Medical Sciences

B.Sc. in Laboratory sciences, 2002

Research Experiences

Ph.D. Thesis Research (Isfahan University of Medical Science)

Investigating the involvement of microRNA-92a in the immunopathogenesis of multiple sclerosis using Experimental Autoimmune Encephalomyelitis model
(Grade:19.75)

M.Sc. Thesis Research (Shiraz University of Medical Sciences)

In vitro effects of sodium benzoate on peripheral blood mononuclear cells of patients with multiple sclerosis in the presence of specific antigen
(Grade:19.90)

Technical Skills

- Human and animal cell culture techniques
- Immunological-based techniques such as Flow cytometry, MTT Assay, CFSE, ELISA, agarose gel electrophoresis and SDS-PAGE
- Molecular-based techniques like DNA and RNA extraction, PCR, Real-Time PCR
- Apoptosis assays
- Cloning
- Transfection

**Particular
Computer Skills**

SPSS, Office, Photoshop, Graph pad prism, WinMDI (Windows Multiple Document Interface for Flow Cytometry), FlowJo, REST

Publications

Noushin Lotfi, Rodolfo Thome, **Nahid Rezaei**, Guang-xian zhang, Abbas Rezaei, Abdolmohamad Rostami, Nafiseh Esmaeil. *Roles of GM-CSF in the pathogenesis of autoimmune diseases: An update*. *Frontiers in Immunology* (2019).

<https://www.frontiersin.org/articles/10.3389/fimmu.2019.01265/abstract>

Rezaei N, Talebi F, Ghorbani S, Rezaei A, Esmaeili A, Noorbakhsh F, Hakemi MG. *MicroRNA-92a Drives Th1 Responses in the Experimental Autoimmune Encephalomyelitis*. *Inflammation* (2019).

<https://www.ncbi.nlm.nih.gov/pubmed/30411211>

Rezaei N, Amirghofran Z, Nikseresht A, Ashjazade N, Zoghi S, Tahvili S, Kamali-Sarvestani E. *In Vitro Effects of Sodium Benzoate on Th1/Th2 Deviation in Patients with Multiple Sclerosis*. *Immunological Investigations* (2016)

<https://www.ncbi.nlm.nih.gov/pubmed/27611715>

Roya Sherkat, Mohammad Ali-Hassanzadeh, Nahid Eskandari, Mazdak G Hakemi, Nafiseh Esmaeil and **Nahid Rezaei**. *Clinical Features of Immunological Dysregulation in Common Variable Immunodeficiency in Iran*. *British Journal of Medicine & Medical Research*. 2015; 7(8): 647-653

Zoghi S, Amirghofran Z, Nikseresht A, Ashjazade N, Kamali-Sarvestani E, **Rezaei N**. *Cytokine Secretion Pattern in Treatment of Lymphocytes of Multiple Sclerosis Patients with Fumaric Acid Esters*. *Immunological Investigations* (2011)

<http://www.ncbi.nlm.nih.gov/pubmed/21510778>

Presentations

Rezaei N, Talebi F, Ghorbani S, Rezaei A, Esmaeili A, Noorbakhsh F, Hakemi MG. *MicroRNA-92a Drives Th1 Responses in the Experimental Autoimmune Encephalomyelitis*. 14th International Congress of Immunology & Allergy of Iran. Tehran, Iran, April 26-28, 2018. **(oral presentation)**.

Rezaei N, Amirghofran Z, Nikseresht A, Ashjazade N, Zoghi S, Kamali-Sarvestani E. *In Vitro Effects of Sodium Benzoate (NaB) on production of IL-4 and IFN- γ by CD4+ Cells in Patients with Multiple Sclerosis (MS)*. 10th International Congress of Immunology & Allergy of Iran. Tehran, Iran, May 18-20, 2010. **(oral presentation)**

Rezaei N, Amirghofran Z, Nikseresht A, Ashjazade N, Zoghi S, Kamali-sarvestani E . *In Vitro Effects of Sodium Benzoate on Peripheral Blood Mononuclear Cells of Patients with Multiple Sclerosis in the presence of Specific Antigens*. 6th International Iranian Congress of MS. Tabriz, Iran, October 15-16, 2009. (**poster presentation**)

Book Translation of “*cellular and molecular immunology 2015*”

Workshop “Brucellosis”. Khorramabad, workshop instruction, 2011.
“Quality control in serology”. Khorramabad, workshop instruction, 2011.

Research Interests Autoimmunity, Neuroimmunology, Cancer, and immunodeficiency