

Curriculum Vitae

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Contact Information

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Foreign Languages: English

Education

1375-1380	B.S, Cellular and molecular biology, Tehran shomal
1381-1383	MSc., Clinical immunology Tehran university of medical sciences
1387-1392	Ph.D. Clinical immunology Mashhad university of medical sciences

MSs Thesis:

Percent of CD4+ and CD8+ T cell and NK cell activity in Type 1 diabetic patients.

Ph.D Thesis

The effect of HTLV-1's *hbx* and *tax* gene expression on proviral load and their association with Treg frequency and HLA class I alleles in HAM/TSP patients.

Employment History

1380-1384 medical sciences	Endocrine research center Shahidbehesti University of
1384-1387	Technical manager of private diagnostic company.

Honors and Awards

- 1-Ranking first in immunology exam of ministry of health for MSc course. (1380-1381).
- 2-Ranking second in immunology exam of ministry of science (Tarbiat moddares) (1380-1381).
- 3-distinguished student of immunology Tehran University of medical sciences. 1382
- 4-distinguished student of immunology Mashhad university of Medical Sciences 1390

Technical Expertise and training

HLA-PCR SSOP typing:

Belgium 2006, Iranian blood transfusion organization (IBTO) 2007

HLA-PCR SSP typing:

Iran Shariatee hospital hematology and bone marrow transplant research center 2010.

HLA-PCR SBT typing:

Iran Shariatee hospital hematology and bone marrow transplant research center

HPV genotyping reverse dot blot

Belgium 2006.

HIV, HCV and HTLV-I testing with recombinant immunoblot assay (RIBA).

Belgium 2006.

Multiplexing real-time PCR for diagnosis of infectious disease

South Korea 2011.

Teaching Service

Medical Student Teaching

- 1-Basic immunology Kermanshah University of medical sciences 1392-1394.
- 2-practical immunology Kermanshah University of medical sciences 1392-1394
- 3-Immunological basis of Rheumatologic disease, pathophysiology course
Kermanshah University of medical sciences

Post-Graduate Teaching

- Infectious immunology of MSc student.
- Immunology 2 of MSc student.
- Immunopathology of MSc student.

Publications:

1-Association between HLA Class I Alleles and Proviral Load in HTLV-I Associated Myelopathy/Tropical Spastic Paraparesis (HAM/TSP) Patients in Iranian Population

Iran J Basic Med Sci. 2013 Mar; 16(3): 264–267.

2-Zarkesh, Maryam, et al. "Importance of Epigenetic Changes in the Thyroid Cancer Incidence and Their Therapeutic Applications." *Modares Journal of Medical Sciences: Pathobiology* 17.3 (2014): 1-24.

Currently graduate thesis supervision:

1-the study of the relation between 1;25dihydroxy Vitamin D serum level with degree of Foxp3 gene expression and methylation of Treg-specific demethylated region in patients with rheumatoid arthritis.

2-Relation between serum retinoic acid and IL-17/IL-35 ration in rheumatoid arthritis patients.

3- The expression of CCR9 and $\alpha_4\beta_7$ gene in peripheral blood mononuclear cell of rheumatoid arthritis patients.