

**Personal Information**

Zahra Roshanizadeh

Assistant professor

- Department of Immunology, Ilam University of Medical Sciences, Faculty of Medicine, Ilam, Iran, 2025

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**Education**

□ 2018-2023 Shiraz University of Medical Sciences Shiraz, Iran

PHD in Medical Immunology

**PHD Final Project**

" Detection of antigenic determinants from tumor tissues of breast cancer patients aged under 40 and over 40 years by two-dimensional electrophoresis and mass spectrometry

□ 2011-2014 Jundishapur University of Medical Sciences Ahvaz, Iran

MSc in medical immunology

**MSc Final Project:**

Evaluation of CTLA4 (SNP-318C/T,SNP+49A/G )

& FCεRI (SNP-344T/C) in asthmatic patients in Ahwaz city

□ 2006-2008 Iran University of Medical Sciences Tehran, Iran

BSc in laboratory sciences

**Teaching and Research Experience**

□ Research assistant in "Identification of immunoreactive antigens in early and advanced stages of Breast cancer and salivary gland tumours using 2D immunoblotting and LC-MS/MS analysis

□ Research assistant in "Identification of differentially expressed proteins in diseases such as breast cancer, bladder cancer and tongue cancer and also salivary gland by 2D electrophoresis and LC-MS/MS analysis"

□ Research assistant in" Identification of serum proteins in patient's endometrial cancer and brain tumours, breast cancer, bladder cancer, patients with hepatitis C and hepatitis B "

- Research assistant in" Evaluation the polymorphism in endometrial cancer and Hashimoto's Thyroiditis disease with the meted of PCR-RFLP test"
- Research assistant in" Cell culture of bladder cancer cell line and breast cancer cell line for perform proteomics and immunoproteomics testing"

## Publication, Presentation, Proceeding, Posters, Workshops, Patents

### Presentation:

2021: Participate in the International Congress of Immunology and Allergy in Ahvaz  
 2023: Participate in the International Congress of Immunology and Allergy in Tehran  
 2024: Participate in the International Congress of Quality Improvement in Clinical Laboratories in Tehran.  
 2025: Participate in the International Congress of Quality Improvement in Clinical Laboratories in Tehran.

### Publications:

2015 A correlation between on clinical finding and IgE measurement on asthma patients Arab ethnicity and Bakhtiari in Khuzestan province

**Z ROSHANIZADEH**, A GHADIRI, ALI KHODADADI, P GHANDIL, ...  
 Jundishapur Scientific Medical Journal 14 (6), 653-660

2016 بررسی یافته‌های بالینی و میزان ایمنوگلوبولین IgE در گروهی از بیماران مبتلا به آسم دارای قومیت عرب و بختیاری مقیم استان خوزستان  
 زهرا روشنی‌زاده، عطاله غدیری، عطاله خدادادی، قندیل، پگاه، پارسا نهاد، توکل، ...  
 مجله علمی پزشکی جندی شاپور ۱۴ (۶)، ۶۴۲-۶۵۲

2021 Genetic association study of *CTLA4* and *FCεRIα* polymorphisms in asthmatic patients in the southwestern region of Iran

**Z Roshanizadeh**, P Ghandil, A Khodadadi, H Tavakold, KA Angali, ...  
 Nucleosides, Nucleotides & Nucleic Acids 40 (9), 914-925

2024 Feature Selection Algorithms Combined with Experimental Validation Reveal COL10A1 and TMRSS4 Genes as Potential Diagnostic Biomarkers in Pancreatic Ductal Adenocarcinoma

N Shajari, A Ramezani, A Tahmasebi, MH Anbardar, **Z Roshanizadeh**, ...  
 Middle East Journal of Cancer

2024 Triple-Negative Breast Cancer: Emerging Biomarkers for Early Diagnosis, Prognosis, and Treatment

**Z Roshanizadeh**, MR Haghshenas, A Ghaderi  
 Middle East Journal of Cancer 15 (4), 257-271

2024 Importance of Nectin2, NUF2, and Nectin4 Gene Expression in the Pathogenesis of Different Subtypes of Breast Cancer.

**Z Roshanizadeh**, MR Haghshenas, A Ramezani, N Shajari, S Tahmasebi, ...

Middle East Journal of Cancer 15 (4)

### **Technical Skills**

Flow cytometry

- ☐ Proteomics
- ☐ Immunoproteomics
- ☐ ELISA test
- ☐ PCR
- ☐ Cell culture
- ☐ Protein extraction
- ☐ RNA extraction
- ☐ DNA extraction
- ☐ Real-time PCR
- ☐ Working with laboratory animals
- ☐ Data analysis with SPSS software
- ☐ Graph pad prism 6 software
- ☐ Photoshop
- ☐ Proteomics(gel) and immunoproteomics(membrane)analysis with Quantity one application and prodigy

Same Spots

- ☐ Mass spectrometry analysis
- ☐ FlowJo software

### **Professional Memberships and Activities**

- ☐ Central medical laboratory of ilam, School of Medicine, Ilam University of Medical Sciences, Ilam, Iran.
- ☐ Iranian blood transfusion organization, Ilam, Iran.