

Mir Hadi Jazayeri



SUMMARY

Dedicated Associate Professor of Immunology with expertise in immunogenetics, organ transplant, and autoimmune research. Passionate about advancing medical science through innovative approaches. Proven track record of successful research projects and academic leadership.

WORK EXPERIENCE

Associate Professor of Immunology

Department of Immunology, School of Medicine, IUMS Tehran, Iran (2022–2024)

- *Supervised 4 Ph.D. students and 7 master's students, resulting in several published journals.*
- *Led a project on using GNPs and Natural IgM for the treatment of autoimmune diseases.*
- *Published over 40 journal articles and delivered numerous presentations.*
- *Organized workshops on “HLA typing by Real-time PCR.”*
- *Instructed molecular techniques, including HLA typing by serological method (CDC) and molecular Real-time PCR / SSP-PCR, to physicians and MSc/PhD students*
- *Authored a book in Immunology: “Natural Antibodies and the Pattern of Natural Autoantibodies.”*
- **Translate** a book Press in Springer: “A Scientific Approach to Scientific Writing, to Persian. ”

CONTACT

Associate Professor of Immunology

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GoogleSchor:

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Language Skills

- English (Intermediate)
- Persian (Mother tongue)
- Turkish (Mother tongue)

Research Interests

- Immunogenetics (HLA typing)
- Organ Transplant (WBC cross match)
- Autoimmunity and Animal model EAE
- Natural IgM and its production as an IVIM
- Gold Nanoparticles (GNPs) for the treatment of MS diseases

CEO

Peyvand Gen Paghoh (Transplant Gene Research) Company Tehran, Iran (2009–2015)

- *Responsible for serology kit development at SinaGene Company.*

Supervisor

Department of Transplantation, Hasheminejad Center Tehran, Iran (2004–2009)

Key Skills

- HLA typing
- WBC Cross match
- Molecular techniques (PCR, Real-time PCR)
- DNA/RNA/Protein extraction and purification
- ELISA
- SDS-PAGE ,Western blotting
- Cell culture techniques
- Hybridoma cell (Human B cell and SP2)
- Flowcytometry
- Immunofluorescence (IF)

COMMUNICATION SKILLS

- Highly adaptable
- Presentation skills
- Excited to learn new methods
- Able to work both on a team and independently

REFERENCES

- **Prof. Ali Akbar Pourfathollah, PhD.**
Immunology Dept.TMU, Tehran, Iran.
Director of Iran Blood Transfusion Organization
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- **Prof. János Szebeni, MD. PhD. DSc.**
Head of Nanomedicine Research and Education Center, Semmelweis University
,Budapest,Hungary
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Academic Education

- **Postdoctoral position in Immunology;(2014-2016)**Tarbiat Modares University, Tehran, Iran.
- **PhD in Immunology (2009-2013)**Tarbiat Modares University, Tehran, Iran.*Thesis: "Determination of autoantibody patterns (**Immunculus**) in aging and recognitions of renal antigens reacting with natural autoantibodies in renal patients"*
- **MSc in Microbiology (1996-1999)** Shiraz University of Medical Sciences, Shiraz, Iran.
- **BSc in Microbiology (1993-1996)**,Esfahan University, Esfahan, Iran.

My GPA was A in all graduate courses

AWARDS & REASERCH GRANTS

- **Patent** " Minimum volume injection device with the ability to be fixed to a stereotaxic device " International classification: A61M 5/142; A61B 17/00; B01L 3/00
- **Top Researcher** Award of IUMS in 3 years 2017, 2018 and 2020