



**Dr. Mehdi Mahdavi**

**Ph.D in Medical Immunology**

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**Education:**

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**Sep 2005 – Mar 2010**

**Tarbiat Modares University**, Faculty of Medical Sciences, Tehran, Iran.

**Course Title:** PhD Medical Immunology

**Thesis:** “Construction of HIV-P24-Nef expression vector and co- administration with IL-15, GM-CSF to assess the gene construct efficacy in mouse model” (Long-lived memory response analysis).

**Sep 2002 – Sep 2005**

**Tarbiat Modares University**, Faculty of Medical Sciences, Tehran, Iran.

**Course Title:** M.Sc. Medical Immunology

**Thesis:** “The effect of supernatant from decidual cell cultures on induction of IDO in dendritic cells during allogenic MLR”.

**Feb 2000– March 2002**

**Shahid Beheshti University of Medical Sciences**, Tehran, Iran.

## Course Title: B.Sc. Laboratory Sciences

### Areas of Interest:

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- Cancer cell therapy.
- Cancer vaccine development and cancer immunotherapy.
- Vaccine development and optimization.
- Novel adjuvants development and improvement.
- Nano drugs for cancer immunotherapy.
- Targeted immunization strategy to increase vaccine potency.
- Vaccine preclinical assessment.
- Targeting dendritic cell in order to increase vaccine potency.
- Immune cells production in GMP facilities.

### Work Experiences:

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#### **September 2021 – Present**

Assistant Professor of Immunology at Advanced Therapy Medicinal Product (ATMP) Department, Breast Cancer Research Center, Motamed Cancer Institute, Tehran, Iran.

#### **April 2010 – April 2017**

Assistant Professor of Immunology at Pasteur Institute of Iran (as military service).

#### **July 2013 – Present**

Founding member and researcher in Recombinant Vaccines Research Center, Tehran University of Medical Sciences, Tehran, Iran.

#### **Jan 2019 – Present**

Member of Immunotherapy Group, The Institute of Pharmaceutical Sciences (TIPS), Tehran University of Medical Sciences, Tehran, Iran.

#### **Nov 2011 – Sep 2023**

Scientific Consultant at Sodour Ahrar Shargh Company (Knowledge-based Company), Tehran, Iran.

#### **April 2006 – Nov 2007**

Scientific Consultant at Pars-Roos Company (Knowledge Company, at present the Company name is changed to Rose Pharmed Biotechnology Co.), Tehran, Iran.

**Sep 2012 – Present**

Visiting Assistant Professor at Islamic Azad University, Faculty of Advanced Sciences and Technology, Pharmaceutical Sciences Branch, Islamic Azad University, Tehran, Iran.

**Sep 2011 – Present**

Visiting Assistant Professor at Islamic Azad University, Faculty of Medicine, Islamic Azad University, Tehran, Iran.

**Teaching experiences (University courses):**

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- General Immunology for B.Sc. students.
- Advanced Immunology for M.Sc students.
- Basic Immunology for M.Sc. students.
- Immunological methods for M.Sc. students.
- Practical Immunology for Ph.D students.
- Infectious Immunology for M.Sc student.
- Exercise Immunology for Ph.D students.
- Seminar in Immunology for M.Sc. student.
- Immunology for PhD students of Pasteur Institute of Iran.
- Immunochemistry for PhD students of Pasteur Institute of Iran.
- Immunochemistry for M.Sc students of Tehran University of Medical Sciences.
- Immunology for Pharmacy students.

**International and ISI Publications:**

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**SCOPUS;**

Publication: **176** Citation: **2500** H-index: **25**

**Google Scholar;**

Publication: **383** Citation: **4263** H-index: **35**