

# CURRICULUM VITAE

**Ali Amini, Ph.D.**

## **Current Appointment**

Assistant Professor, Department of Hematology and Blood Banking, Faculty of Allied Medicine, Iran University of Medical Sciences

## **Contact Information**

Faculty of Allied Medicine  
Iran University of Medical Sciences  
Hemmat Highway  
Postcode: 1449614535  
Tehran, Iran  
Tel: +98 21 8670 4665  
Fax: +98 21 8862 2576  
E-mails: amini.a20@iums.ac.ir; aminia2010@gmail.com

## **Education and Training**

2002-2004	A.D. Medical Laboratory Sciences Shiraz University of Medical Sciences, Shiraz, Iran
2004-2006	B.Sc. Medical Laboratory Sciences Shahid Sadoughi University of Medical Sciences, Yazd, Iran
2006-2009	M.Sc. Laboratory Hematology and Blood banking Tehran University of Medical Sciences, Tehran, Iran
2014-2022	Ph.D. Laboratory Hematology and Blood banking Iran University of Medical Sciences, Tehran, Iran

## **Honors and Awards**

Ranked first position in the countrywide Ph.D. entrance exam of Hematology and Blood Banking, 2014

Ranked first position in the Ph.D. course graduation, Iran University of Medical Sciences, 2014-2022

Awards of Iran's National Elites Foundation; 2014-2017

Award of the best professor of the Shahid Sadoughi University of Medical Sciences, 2012

Ranked second position in the M.Sc. course graduation, Tehran University of Medical Sciences, 2006-2009

Ranked first position in the B.Sc. course graduation, Shahid Sadoughi University of Medical Sciences, 2004-2006

Ranked first position in the A.D. course graduation, Shiraz University of Medical Sciences, 2002-2004

Elected of the Iranian Laboratory Hematology Association, Festival for Medical Laboratory Sciences Day, Tehran, Iran, 2023

## Paper Publications

- Sedigh Maroufi S, Moradi Majd P, **Amini A**, Abolghasemi J, Mahdizadeh S. Evaluating the Effectiveness of Using Blood Transfusion Checklists in Reducing Transfusion-Related Complications: A Systematic Review. *Sci J Iran Blood Transfus Organ*; 20(4):346-56 (2023)
- Zafarani A, **Amini A\***. Ferroptosis in Autoimmune Disorders, Viral, and Bacterial Infections. *International Journal of Medical Laboratory*; 10(2): 107-119 (2023)
- **Amini A**, Faranoush M, Paridar M, Kazemi A, Rezvani MR, Safa M. Synergistic Anti-Cancer Effects of Second-Generation Proteasome Inhibitor Carfilzomib with Doxorubicin and Dexamethasone Via p53-Mediated Apoptosis in Pre-B Acute Lymphoblastic Leukemia Cells. *Iranian Journal of Pediatric Hematology & Oncology*; 13(2):99-118 (2023)
- Bahraini M, Faranoush M, Mobaraki SN, Paridar M, **Amini A**, Shabestari RM, et al. Overexpression of long non-coding RNA ANRIL in B-acute lymphoblastic leukemia. *Iranian Journal of Pediatric Hematology & Oncology*; (2021)
- Rahimian E, **Amini A**, Alikarami F, Pezeshki SMS, Saki N, Safa M. DNA repair pathways as guardians of the genome: Therapeutic potential and possible prognostic role in hematologic neoplasms. *DNA repair*; 96:102951 (2020)
- Mobaraki RN, Karimi M, Alikarami F, Farhadi E, **Amini A**, Bashash D, et al. RITA induces apoptosis in p53-null K562 leukemia cells by inhibiting STAT5, Akt, and NF-kappaB signaling pathways. *Anticancer Drugs*; 29(9):847-53 (2018)
- Esmaili MA, Razjou F, Nazel Khosroshahi B, **Amini A**, Namjoo S, Rezvani MR. Evaluations of Detection Methods of Bacterial Contamination in Platelet Components. *International Journal of Medical Laboratory*; 4(4):232-45 (2017)
- Esmaeili MA, Yari F, **Amini A**, Rezvani MR. The effect of cell derived microparticles in transfusion medicine and adaptive immune system. *Archives of Medical Laboratory Sciences*; 2(1):29-35 (2016)
- Tavasolian F, Abdollahi E, Vakili M, **Amini A\***. Relationship between ABO blood group and Acute Lymphoblastic Leukemia. *Iranian Journal of Pediatric Hematology & Oncology*; 4(1):1 (2014)

- **Amini A**, Ghaffari SH, Mortazavi Y, Daliri K, Taranejoo S, Alimoghadam K, et al. Expression pattern of hTERT telomerase subunit gene in different stages of chronic myeloid leukemia. *Mol Biol Rep*; 41(9):5557-61 (2014)
- Abdollahi E, Tavasolian F, Esmaili MA, Momtazi Broujeni AA, **Amini A\***. Association of ABO Blood Group System and Anti-Sperm Antibody with Male Infertility. *International Journal of Medical Laboratory*; 1(1):54-60 (2014)
- Daliri K, Tabei SM, **Amini A**, Derakhshankhah H. Are ABO and Rh blood groups new genetic risk factors for endometriosis? *Arch Gynecol Obstet*; 288(5):961-3 (2013)
- Abdollahi E, Tavasolian F, Ghasemi N, Vakili M, **Amini A\***. The effect of parental ABO blood group on fetal surveillance. *Iranian Journal of Pediatric Hematology & Oncology*; 3(4):154-8 (2013)
- Tabei SM, Daliri K, **Amini A**. The investigation of ABO and Rh blood groups distribution in patients with endometriosis needs new project design. *Arch Gynecol Obstet*; 285(5):1487-8 (2012)

### Teaching Experience

- Basic and advanced hematology
- Quality control and quality assurance
- Immunohematology and blood banking
- Molecular biology
- Cell culture

### Abstracts in International Congresses

- Evaluation of human Telomerase Reverse Transcriptase (hTERT) in patients with Chronic Myelogenous Leukemia (CML) at different phases of the disease, 14<sup>th</sup> Congress of the European Hematology Association, Berlin, Germany, June 4-7, 2009
- DNA Extraction and Gel Agarose Electrophoresis Coursework, 5th International Congress of Biochemistry and Molecular Biology & 13th Iranian Congress of Biochemistry, Yazd, Iran, 16-19 April 2013
- PCR-RFLP Coursework, 5th International Congress of Biochemistry and Molecular Biology & 13th Iranian Congress of Biochemistry, Yazd, Iran, 16-19 April 2013
- Evaluations of Detection Methods of Bacterial Contamination in Platelet Components, 10th International Congress of Laboratory and Clinic, Tehran. Iran, 31 Jan- 2 Feb 2018
- The effect of cell derived microparticles in transfusion medicine and adaptive immune system, 10th International Congress of Laboratory and Clinic, Tehran. Iran, 31 Jan- 2 Feb 2018

## **Experimental Skills**

- Extraction and purification of DNA, RNA, Protein
- PCR and PCR-based analysis (PCR-RFLP, ARMS-PCR, RT-PCR, Quantitative Real-time PCR), Primer design for PCR and Real-time PCR
- Western blot analysis, ELISA
- Gene expression profiling
- Flow cytometry
- Cell culture
- Hemoglobin, protein and urine electrophoresis
- Basic and advanced hematological routine tests

## **Language:**

- Farsi (native), English (good)