



Academic CV of Mohammad Jafar Sharifi Last Updated on: June,2021

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CURRENT POSITION

Assistant professor of Hematology and transfusion medicine, School of paramedical sciences, Shiraz university of medical sciences.

FORMER POSITION

2019 - 2021, Department of Immunology, Esfahan university of medical sciences

EDUCATION

2015 - Ph.D. (Laboratory hematology and blood banking) Department of Hematology, High Institute for Education and Research on Transfusion Medicine, (IRETM's).

2011 - MSc. (Laboratory hematology and blood banking) Department of Hematology and Blood Transfusion, Tehran University of medical science.

2008 - B.A. (Clinical laboratory sciences) Department Clinical Laboratory Sciences, Esfahan University of medical sciences.

PUBLICATIONS

BOOKs

- Translations (English to Persian)
- Henry's Clinical Diagnosis and Management by Laboratory Methods **22rd Edition** (Hematology, Coagulation and Transfusion medicine section). Publisher; Artin teb ISBN: 9789648443530

- Henry's Clinical Diagnosis and Management by Laboratory Methods **23rd Edition** (Hematology, Coagulation and Transfusion medicine section). Publisher; Artin teb ISBN: 9786004242387
- Albert's Essential Cell Biology, **3th Edition**. Publisher; Baraye Farda ISBN978-600-155-020-1
- Albert's Essential Cell Biology, **4th Edition**. Publisher; Baraye Farda ISBN978-600-155-044-7
- Albert's Essential Cell Biology, **5th Edition**. Publisher; Baraye Farda ISBN978-600-155-127-7.

➤ Authorships (in Persian)

- Review of Hematology and Diseases. Publisher; Baraye Farda ISBN 978-600-155-031-7.
- Hematology and Blood Banking. Publisher; Arjmand ISBN 978-600-200-1252.

Peer-Reviewed Journal Articles

- Fatemeh Khorshidi, Sonia Hajizadeh, Hamid Choobineh, Shaban Alizadeh, **Mohammad Jafar Sharifi**, Zeinab Kavosh, Azadeh Omidkhoda, Determining the association of thrombophilic gene polymorphisms with recurrent pregnancy loss in Iranian women. *Gynecol Endocrinol.* 2020 Dec;36(12):1082-1085. doi:10.1080/09513590.2020.1769060.
- **M. Jafar Sharifi**, F. Zaker, N. Nasiri, M. Yaghmaie, Epigenetic changes in FOXO3 and CHEK2 genes and their correlation with clinicopathological findings in myelodysplastic syndromes, *Hematology/Oncology and Stem Cell Therapy* (2020), doi: <https://doi.org/10.1016/j.hemonc.2019.11.004>
- Z. Sharifi, M. Faranoush, A. Mohseni, S. Rostami, M. Ramzi, **M. Jafar Sharifi (corresponding Author)**, Genetic variants of nucleotide excision repair pathway and outcomes of induction therapy in acute myeloid leukemia. *Personalized Medicine*(2019), DOI: 10.2217/pme-2018-0077
- A.Samadikuchaksaraei, N. Nasiri, **M. Jafar Sharifi (corresponding Author)** , N. Pal Singh Chauhan, B. Farhadhosseinabadi, S.Fatemi Sovini, M. Gholipourmalekabadi, Intravenous Administration of Granulocyte-Colony Stimulating Factor for Stem Cells Mobilization and Third Degree Burn Wound Healing in Rats. *J Appl Biotechnol Rep* (2019), doi 10.29252/JABR.06.03.01
- **M. Jafar Sharifi**, G. Bahoush, F. Zaker, S. Ansari, K. Arjmandi Rafsanjani, H. Sharafi. Association of -24CT, 1249GA, and 3972CT ABCC2 Gene Polymorphisms with Methotrexate Serum Levels and Toxic Side Effects in Children with Acute

LymphoblasticLeukemia. Pediatric Hematology and Oncology (2014),DOI: 10.3109/08880018.2013.870625

TEACHING EXPERIENCE

➤ Undergraduate courses

Hematology (Clinical laboratory sciences). Esfahan university of medical sciences(2017-2018)
Immunoematology and transfusion medicine (clinical laboratory sciences). Esfahan university of medical sciences (2019-2021).

Hematology and transfusion medicine (Surgical technology- anesthesiology technology) Esfahan university of medical sciences (2019-2021).

➤ Graduate courses

Hematology and immunoematology (Posdoc fellowship- laboratory medicine). Esfahan university of medical sciences (2019-2021).

Immunoematology and transfusion medicine (MSc-Medical immunology). Esfahan university of medical sciences (2019-2021).

WORKSHOPS INSTRUCTURE

- **Bone Marrow Transplantation workshop (Esfahan, September 2019).**
- **Clinical Application of Flow cytometry workshop (International Congress of Isfahan Biomedical Sciences.ICIBS-2020)**

CLINICAL DIAGNOSIS EXPERIENCE

- **Bone marrow examination and peripheral blood cytomorphology**
- **Multicolor-Flow cytometry (Leukemia diagnosis, MRD assessment, Platelet disorders, PNH diagnosis, CD34 enumeration)**
- **Molecular diagnosis (Leukemia associated abnormalities, thalassemia and thrombophilia)**
- **Molecular techniques (RT-PCR, Real time-PCR, Nested-PCR, PCR-RFLP, Gap-PCR, Multiplex-PCR, DNA-Fragment analysis, MLPA, Sanger DNA-sequencing)**
- **Serum/Urine protein electrophoresis and immunofixation interpretations**
- **Hemoglobin electrophoresis interpretation**

RESEARCH INTEREST

- **Prognostic and diagnostic biomarkers in hematological malignancies**
- **Pathogenesis of hematological malignancies**