

Personal Resume

Personal Information

First and Last Name: Mohammad Rafiee

Employment Status:

Educational Department: Medical Laboratory Sciences

Academic Rank: Assistant Professor

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Educational Information

Specialized or Professional Doctorate: Ph.D., Laboratory Hematology and Blood Banking

Thesis or Dissertation Title:

Year of Graduation: 2021

Master's Degree: M.Sc., Laboratory Hematology and Blood Banking

Thesis Title:

Year of Graduation : 2014

Bachelor's Degree: B.Sc., Medical Laboratory Sciences

Year of Graduation:2012

Associate's Degree:

Year of Graduation

Executive Records:

2025 – Current **Member of Scientific Staff of Hamadan University of Medical Sciences**

2021- 2024 **Member of Scientific Staff of Zanjan University of Medical Sciences**

2014-2017 **Hamadan University of Medical Sciences as member of scientific staff**

Membership in local, provincial, national, and international associations and societies:

Educational Records:

Hematology, Theoretical Course Medical Laboratory Sciences Students, Hamadan and Nahavand University of Medical Sciences, 2015-2017 and currently at ZUMS

Hematology, Practical Course Medical Laboratory Sciences Students, Hamadan and Shahid Beheshti University of Medical Sciences, 2016-2017

Immunohematology, Theoretical Course. Medical Laboratory Sciences Students, Hamadan and Nahavand University of Medical Sciences, 2015-2017 and currently at ZUMS

Immunohematology, Practical Course Medical Laboratory Sciences Students, Hamadan and Shahid Beheshti University of Medical Sciences, 2016-2017

Teaching Records:

Theses:

Research Background

Research Interests:

Published Books:

Published Articles:

- 1. ISI/Scopus Medline / CELL JOURNAL (Yakhteh) / Down-Regulation of Ribosomal S6 kinase RPS6KA6 in Acute Myeloid Leukemia Patients 1**
- 2. ISI/Scopus/ Medline / Iranian journal of basic medicine sciences (IJBMS) / Lack of FLT3-TKD835 gene mutation in toxicity of sulfur mustard in Iranian veterans**
- 3. ISI/Scopus/ Medline / Bosnian journal of basic medical sciences / Upregulation of miR-210 promotes differentiation of mesenchymal stem cells (MSCs) into osteoblasts**
- 4. Scopus/ Medline / Iranian Journal of Toxicology / Effect of sulfur mustard toxicity on FLT3-ITD mutation in sulfur mustard veterans**
- 5. ISI/Scopus/ Medline / Iranian journal of blood and cancer (IJBC) / Association between Percentage of TCD4 and TCD8 Lymphocytes with Iron Status in Female Adolescents**
- 6. ISI/Scopus/ Medline / The International journal of Occupational and Environmental Medicine (IJOEM) Concentration of Alpha fetoprotein and β -human chorionic gonadotropin tumor markers in sulfur mustard exposed veterans**
- 7. Scopus/ Medline / Iranian journal of blood and cancer (IJBC) / Prostate Specific Antigen Level in Exposure to Sulfur Mustard**
- 8. ISC,IranMedex / International Journal of School Health (INTJSH) / Survey of Correlation Between Serum Transferrin Saturation and Platelet Indices in High School Female Students in the Northwest Iran**
- 9. ISI / Indian Journal of Hematology and Blood Transfusion / The expression of P53, MDM2, c-myc, and P14ARF genes in newly diagnosed acute lymphoblastic leukemia patients**

- 10. ISI / Journal of Interferon and Cytokine Research / Serum Interleukin-17, Carcinoembryonic Antigen and Prostate-specific antigen in High Lipid Profile Individuals**
- 11. ISI/Scopus/Medline / Archive of Iranian Medicine / A Review on Applicable and Available Paraclinical Methods for Diagnosis of Coronavirus Disease-19**
- 12. ISI/Scopus/Medline / International Journal of Hematology / Circulatory miR-155 correlation with platelet and neutrophil recovery after autologous hematopoietic stem cell transplantation, a multivariate analysis**
- 13. ISI/Scopus/ PubMed / International Journal of Preventive Medicine / Aspects of epidemiology, pathology, virology, immunology, transmission, prevention, prognosis, diagnosis and treatment of COVID-19 pandemic: A narrative review**
- 14. ISI/Scopus / Health Science Reports / A concise review on factors influencing the hematopoietic stem cell transplantation main outcomes**
- 15. ISI/Scopus / Clinical Laboratory Publications GmbH / Aspartate aminotransferase-to-platelet ratio index: a potential predictor of prognosis in the most common types of cirrhosis**
- 16. ISI/Scopus/ PubMed / Annals of Hematology / Acute promyelocytic leukemia derived Extracellular vesicles conserve PML- RAR α transcript from storage-inflicted degradation; a stable diagnosis tool in APL patients**
- 17. ISI/Scopus/ PubMed / Current Research in Translational / Transcription Analysis of a Histones Modifiers Panel Coupled with Tumor Suppressor Genes Displayed Frequent Changes in Acute Myeloid Leukemia- Related Genes**
- 18. 1Google Scholar, ISC/ Avicenna Journal of Pharmaceutical Research / Effect of 50-Hz magnetic fields on argyrophilic nucleolar organizer regions in bone marrow cells**
- 19. ISI/PubMed / Cancer Cell International / CircRNAs in diagnosis, prognosis, and clinicopathological features of multiple myeloma; a systematic review and meta-analysis**
- 20. PubMed / Journal of Advances in Medical and Biomedical Research / Enhancing CD34+ Cell Mobilization and Engraftment after Autologous Hematopoietic Stem Cell Transplantation via Adjustment of Granulocyte Colony-Stimulating Factor Dose and ...**
- 21. ISI/PubMed / International Journal of Cancer Management / Panobinostat, a Pan-HDAC Inhibitor, Substantially Decreases the Quiescent Population of Leukemic Cells either in Monoculture or in Co-culture with Bone Marrow Stromal Cells**
- 22. PubMed / Hepatitis Monthly / Non-Alcoholic Steatohepatitis and Autoimmune Hepatitis Cirrhosis May Have a Higher Risk of Progression to Hepatocellular Carcinoma**
- 23. ISI/PubMed / BMC cancer / MicroRNA-125b as a valuable predictive marker for outcome after autologous hematopoietic stem cell transplantation**
- 24. PubMed / Informatics in Medicine Unlocked / A mobile application based on efficient lightweight CNN model for classification of B-ALL cancer from non-cancerous cells: A design and implementation study**
- 25. ISI/PubMed / Diabetology & Metabolic Syndrome / Biochemical and molecular biomarkers: Unraveling their role in gestational diabetes mellitus**
- 26. ISI/PubMed / Stem Cell and Reports / Therapeutic effects of mesenchymal stem cell-derived extracellular vesicles in sepsis: a systematic review and meta- analysis of preclinical studies**

27. ISI/PubMed / BMC cancer / MicroRNAs utilization as effective factors on hematopoietic stem cell transplantation, its outcomes and prognosis; a comprehensive systematic review

28. ISI/PubMed / Annals of Hematology / Prognostic value of circular RNAs expression and their correlation with clinicopathological features in acute myeloid leukemia: a systematic review and meta-analysis

29. ISI/PubMed / Cancer Genetics Omics Approaches: Role in Acute Myeloid Leukemia Biomarker Discovery and Therapy

Research Projects:

Participation in Conferences and Meetings