



Resume

Hassan Rafieemehr

Ph.D. of hematology and blood banking from Iranian blood Transfusion Organization (2015)

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Biography& Research interests:

I have been a member of the academic staff since 2004. My teaching is focused on hematology & immunohematology at undergraduate and Master's level. My research interests include :

- 1. Hematopoietic stem cell&mesenchymal stem cell.*
- 2. Leukemia&anemia*
- 3. Blood disorderes.*
- 4. Immunohematology*

Publications:

- Hematology and Blood Transfusion for anesthesia students (2014)

Research Projects (most recent):

Determination of serum levels of tumor markers and blood factors in chemical warfare veterans compared to control group (first supervisor)

Papers (Recent)

- 1. Neuroprotective Effects of Transplanted Mesenchymal Stromal Cells-derived Human Umbilical Cord Blood Neural Progenitor Cells in EAE, Iranian Journal of Allergy, Asthma and Immunology, December 2015; 14(6), 596-604*
- 2. Improving the Efficiency of Neuronal Differentiation of Umbilical Cord Blood-derived Mesenchymal Stem Cells Cultivated under Appropriate Conditions, Iran J Basic Med Sci*
- 3. Rafieemehr H, Calhor F, Esfahani H, Ghorbani GS. Risk of acute lymphoblastic leukemia: results of a case-control study. Asian Pac J Cancer Prev. 2019;20:2477-83*
- 4. M. T. Samadi, M. Shakerkhatibi, J. Poorolajal, A. Rahmani, H. Rafieemehr, and M. Hesam, "Association of long term exposure to outdoor volatile organic compounds (BTXS) with pro-inflammatory biomarkers and hematologic parameters in urban adults: a cross-sectional study in Tabriz, Iran," Ecotoxicology and Environmental Safety, vol. 180, pp. 152-159, 2019.*
- 5. Human umbilical cord-mesenchymal stem cells conditioned medium attenuates CCl₄ induced chronic liver fibrosis*
- 6. Risk of acute lymphoblastic leukemia: Results of a case-control study*
- 7. Mining of mortality related findings in rare bleeding disorders; a retrospective study from two centers*
- 8. Effects of Lifestyle and Environmental Factors on the Risk of Acute Myeloid Leukemia: Result of a Hospital-based Case-Control Study*
- 9. Chemo/radiotherapy-Induced Bone Marrow Niche Alterations*
- 10. A concise review on factors influencing the hematopoietic stem cell transplantation main outcomes*
- 11. Thrombocytopenia in solid tumors: Prognostic significance*
- 12. Altered expression and functional role of ion channels in leukemia: bench to bedside*
- 13. Long-term exposure to outdoor VOCs and lung function in urban adults: a cross-sectional ...*
- 14. Association of long term exposure to outdoor volatile organic compounds (BTXS)with pro-inflammatory biomarkers and ...*
- 15. Persistent hiccupus in a patient with mild congenital factor*
- 16. Concentration of alpha fetoprotein and Beta-human chorionic gonadotropin tumor markers ...*
- 17. Prostate specific antigen level in exposure to sulfur mustard*
- 18. Association between percentage of TCD4 and TCD8 lymphocytes with iron status in female adolescents*
- 19. Survey of Correlation Between Serum Transferrin Saturation and Platelet Indices in High School*
- 20. Antioxidant properties of resveratrol on acetaminophen induced toxicity in wistar rat liver and HepG2 cells*
- 21. Antioxidative Effects of Nanocurcumin and Curcumin*

Professional experience

- *Director of Department of Laboratory Sciences of Hamedan Paramedicine Faculty since March 2017-2020*
- *Member of the Research Committee in Education Department of HUMS*

Awards

- *Award of Hamadan Paramedical School ranking in 2005*
- *Establishment of Applied Testing Units in Hamadan Paramedical School in 2006*