



ARMAN AHMADI

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EDUCATION

❖ Mashhad university of medical sciences

Master of sciences of laboratory hematology and blood banking
Since 2018/09/23 to 2022/06/25

❖ Razi University

Bachelor of sciences of Biology
Since 2012/09/22 to 2016/06/20

WORK EXPERIENCE

Kermanshah University of medical sciences / Faculty of allied sciences

- ❖ Instructor of laboratory hematology and blood bank/ medical laboratory sciences department/ Since 2023/08/23 still now
- ❖ Deputy head of medical laboratory sciences department/ Since 2023/09/23 still now
- ❖ Member of Program evaluation and institution accreditation committee/ Since 2024/01/20 still now

Kermanshah University of medical sciences / Faculty of allied sciences

- ❖ Laboratory expert at laboratory sciences department/ Since 2022/11/22 to 2023/08/22

ARTICLES PUBLISHED IN THE JOURNAL

- 1) A Simple Aptamer-Based Nanoconjugate Assay for Diagnosis of Chronic Myeloid Leukemia (1)

RESEARCH PROJECTS

No.	Name of thesis	Type of participation	Registration code	Approve
1	The investigation of the effect of methotrexate on expression of Long non-coding RNAs H19 and MEG3 in differentiation of bone marrow mesenchymal stem cells into osteoblasts.	Colleague (Thesis)	IR.MUMS.REC.1398.274	https://isid.research.ac.ir/Arman_Ahmadi
2	Diagnosis of chronic myeloid leukemia by application of silica nanoparticle and T2-KK1B10 aptamer.	Co-Author	IR.MUMS.MEDICAL.REC.1399.033	
3	The effect of eight weeks of endurance training on the expression of endoplasmic reticulum stress genes (GRP78, IRE1, XBP1, and ATF6) in adipose tissue and serum levels of inflammatory markers (IL-1B and NF-KB) in male rats with non-alcoholic fatty liver disease (NAFLD)	Principal investigator	IR.KUMS.AEC.1403.023	
4	Investigation of Duffy and Kidd genotype between donors and leukaemia patients with GVHD post bone marrow transplantation	Advisor	IR.KUMS.REC.1403.075	
5	Investigation of the expression of mir-21 genes and LncRNA NEAT1 in patients with chronic immune thrombocytopenia.	Advisor		

RESEARCH PROJECT REVIEW

No.	Name of research project	Type of project
1	Examining the relationship between the neutrophil-to-lymphocyte ratio, platelet-to-lymphocyte ratio, and monocyte-to-lymphocyte ratio with the 5-year survival of patients undergoing autologous stem cell transplantation.	Proposal
2	Examination of resilience, social support, and cognitive regulation in the companions of patients with childhood chronic lymphocytic leukemia.	Proposal
3	Investigating the apoptotic effect of Diterpenoid Aleppicatin A with Myrcinane structure isolated from <i>Euphorbia Aleppica</i> on acute myeloid leukemia cell line	Proposal
4	Investigating the relationship between ABO blood group type and Rh factor with covid 19 disease in Zagros regions of Iran	Final Report

WORKSHOP TEACHING

No.	Name of workshop	Time	Target students
1	Modern molecular methods	8 Hours	MSc. of Nutrition
2	Methods of article writing	2 Hours	BSc. Of nursing BSc. Of MLS BSc. Of Anesthesia BSc. Of HIT

PARTICIPATED WORKSHOPS

No.	Name of workshop	Time
1	Writing systematic review and meta-analysis by stata 17 software	130 hours
2	Applied statistics by stata 17 software	70 hours
3	Research Method	2 hours
4	Search on electronic databases	2 hours
5	Ethics in research	2 hours
6	Methods of article writing	2 hours
7	Examining the structure of an article	2 hours
8	New guidelines for designing course lesson plans and daily lesson plans	2 hours
9	Getting to know the regulations of the consultant professor	4 hours

TEACHING EXPERIENCES

1. Basic hematology/ B.Sc. of medical laboratory science students
2. Practical Hematology (1)- Basic hematology/ M.Sc. of laboratory hematology and blood bank students
3. Practical Hematology (2) [morphology of blood cell precursor and malignancies]/ M.Sc. of laboratory hematology and blood bank students
4. Practical Hematology (3)/ M.Sc. of laboratory hematology and blood bank students
5. Cell culture/ M.Sc. of laboratory hematology and blood bank students
6. Practical Hematology (1)- Basic hematology/ B.Sc. of medical laboratory science students
7. Practical Hematology (2) [morphology of blood cell precursor and malignancies]/ B.Sc. of medical laboratory science students
8. Internship/ B.Sc. of medical laboratory science students
9. Practical physiology/ B.Sc. of Nursing students
10. Practical physiology/ B.Sc. of Midwifery students

1. Mousavi SS, Ayatollahi H, Abnous K, Taghdisi SM, Sadeghian MH, Khatami F, et al. A Simple Aptamer-Based Nanoconjugate Assay for Diagnosis of Chronic Myeloid Leukemia. *Applied biochemistry and biotechnology*. 2024;196(1):145-59.