

(1)

Dr. Mohammad Reza Keramati

Keramatimr@mums.ac.ir

drkeramati@gmail.com



Address: Hematology and Blood Banking Laboratory, Emam Reza Hospital, Ebnecina street, Mashhad, Iran

Tel: +98 511 8022203, +98 511 8521400

Education

I. Higher

Received specialist degree in clinico anatomical pathology from Mashhad University of Medical Sciences, Iran, 1997-2001.

Medicine, Mashhad University of Medical Science, Iran, 1986-1993.

II. Secondary

Beheshti High School, Gonabad, Iran.

Nacerkhosro School, Gonabad, Iran.

III. Primary

Mozaffar School , Gonabad, Iran.

Experience

1. 2016 to date, Professor of Hematopathology & Blood banking ,Imam Reza Hospital, Mashhad University of Medical Sciences
2. 2011 to date, the head of hematology and blood banking group, Mashhad University of Medical Sciences.
3. 2011 to date, Director of the central Laboratory, Imam Reza Hospital, Mashhad University of Medical Sciences.
4. 2010 to 2015, Associate Professor of Hematopathology & Blood banking ,Imam Reza Hospital, Mashhad University of Medical Sciences.
5. 2004 to date, Director of the Emergency Laboratory, Imam Reza Hospital, Mashhad University of Medical Sciences.
6. 2003 to 2022, Director of Hematology and Blood Banking laboratory, Imam Reza Hospital, Mashhad University of Medical Sciences.
7. 2002 to 2010, Assistant Professor of Hematopathology & Blood banking ,Imam Reza Hospital, Mashhad University of Medical Sciences.
8. 2011 to date, the head of hematology and blood banking group, Mashhad University of Medical Sciences.
9. 2011 to date, Director of the central Laboratory, Imam Reza Hospital, Mashhad University of Medical Sciences.
10. 2010 to 2015, Associate Professor of Hematopathology & Blood banking ,Imam Reza Hospital, Mashhad University of Medical Sciences.
11. 2004 to date, Director of the Emergency Laboratory, Imam Reza Hospital, Mashhad University of Medical Sciences.
12. 2003 to date, Director of Hematology and Blood Banking laboratory, Imam Reza Hospital, Mashhad University of Medical Sciences.
13. 2002 to 2010, Assistant Professor of Hematopathology & Blood banking ,Imam Reza Hospital, Mashhad University of Medical Sciences.
14. 1993 to 1997, working as a general practitioner.

Research Interest

Current research interest is Leukemia and Hemostasis and thrombosis. Other research interest is Blood banking and transfusion medicine.

Publications: Articles

1. Boroumand-Noughabi S, Pashaei A, Montazer M, Rahmati A, Ayatollahi H, Sadeghian MH, **Keramati MR** et al. Investigating the expression pattern of the SETMAR gene transcript variants in childhood acute leukemia: Revisiting an old gene. *Journal of Pediatric Hematology/Oncology*. 2023;10.1097.
2. Boroumand-Noughabi S, Khoshnegah Z, Jamehdar SA, Ayatollahi H, Sheikhi M, Rostami M, **Keramati MR** et al. Deregulation of the Expression of Beclin1 and Light Chain 3 (LC3), Autophagy-Related Genes, in COVID-19 Patients. *Medical journal of the Islamic Republic of Iran*. 2022;36.
3. Khoshnegah Z, **Keramati MR**, TarazJamshidi S, Karimi-Shahri M, Boroumand-Noughabi S. Association between Laboratory Findings and Mortality of Hospitalized Patients with Covid-19 in Mashhad, Iran. *Journal of Advances in Medical and Biomedical Research*. 2022;30(143):519-35.
4. Boroumand-Noughabi S, Rahmati A, Morovatdar N, **Keramati M**. Significant decrease in the transfusion rates during the COVID-19 pandemic in the North East of Iran. *Transfusion Clinique et Biologique*. 2022;29(2):181.
5. Rahmati A, Goshayeshi L, Amini N, **Keramati MR**, Taraz Jamshidi S, Boroumand-Noughabi S. Platelet Count and Indices in Adult Patients Infected with *Helicobacter pylori*: a Retrospective Study of 1907 Patients. *SN Comprehensive Clinical Medicine*. 2022;4(1):1-5.(2)
6. Rostami M, Kharajo RS, Parsa-kondelaji M, Ayatollahi H, Sheikhi M, **Keramati MR**.

Altered expression of NEAT1 variants and P53, PTEN, and BCL-2 genes in patients with acute myeloid leukemia. *Leukemia Research*. 2022;115:106807.

7. Zafari Z, Ayatollahi H, Sohrabi T, Arbab Jafari P, Esmaeili H, **Keramati MR**. BMI-1 Gene Expression in Patients with Acute and Chronic Myeloid Leukemia in the Northeast of Iran. *Middle East Journal of Cancer*. 2023;14(1):41-8.
8. Rahmati A, Farhat AS, Boroumand-Noughabi S, Soleymani F, **Keramati M**. Retrospective analysis of direct antiglobulin test positivity at tertiary academic hospital over 10 years. *Transfusion and Apheresis Science*. 2022:103358.
9. Boroumand-Noughabi S, Rahmati A, Morovatdar N, **Keramati M**. Significant decrease in the transfusion rates during the COVID-19 pandemic in the North East of Iran. *Transfus clin biol*. 2022;29(2):181.
10. Boroumand-Noughabi S, **Keramati MR**, Sadrzadeh Sadrzadeh Z, Asadi Z, Taraz Jamshidi S. Extra ordinary high blood lead levels in Mashhad,Iran: a one-year study in a referral center. *Physiology and Pharmacology*. 2021;25(2):116-24.
11. Ayatollahi H, Rahimi H, Sadeghian MH, Reza M, **Keramati MA**, Sheikhi M, et al. Evaluating the expression of ERG gene in acute myeloblastic leukemia in north east of Iran. *Journal of Basic Research in Medical Sciences*. 2019;6(2):30-5.
12. Sadeghian MH, Jafarian AH, Ayatollahi H, **Keramati MR**, Rahimi H, Boroumand-Noughabi S, Davoudi M. Evaluation of Cytoplasmic Nucleophosmin1 and P27 Expressions in Acute Myeloid Leukemia and Their Relationship with Clinicopathological Findings. *J Biochem Tech*. 2019(2):125-30.
13. Salimifard S, Karoon Kiani F, Sadat Eshaghi F, Izadi S, Shahdadnejad K, Masjedi A, et al. Codelivery of BV6 and anti-IL6 siRNA

by hyaluronate-conjugated PEG-chitosan-lactate nanoparticles inhibits tumor progression. Life sciences. 2020;260:118423.

14. Alamdari DH, Moghaddam AB, Amini S, **Keramati MR**, Zarmehri AM, Alamdari AH, et al. Application of methylene blue -vitamin C –N-acetyl cysteine for treatment of critically ill COVID-19 patients, report of a phase-I clinical trial. European Journal of Pharmacology. 2020;885:173494.
15. Salimifard, S., A. Masjedi, M. Hojjat-Farsangi, G. Ghalamfarsa, M. Irandoust, G. Azizi, H. Mohammadi, M. R. **Keramati** and F. Jadidi-Niaragh (2020). "Cancer associated fibroblasts as novel promising therapeutic targets in breast cancer." Pathology-Research and Practice: 152915.
16. Kanesbi MM, Jarahi L, **Keramati MR**. Blood Parameters in Treatment with Arsenic Trioxide in Acute Promyelocytic Leukemia: A Systematic Review. International Journal of Hematology-Oncology and Stem Cell Research. 2020;14(2):130.
17. Enayati H, Ayatollahi H, **Keramati MR**, Sheikhi M, Bagheri H, Shams SF, et al. Expression of ROR1 Gene in Patients with Acute Lymphoblastic Leukemia. Iranian Journal of Blood and Cancer. 2019;11(2):57-62.
18. Keramat S, Sadeghian MH, **Keramati MR**, Fazeli B. Assessment of T helper 17-associated cytokines in thromboangiitis obliterans. Journal of inflammation research. 2019;12:251.
19. Ajami M, Sadeghian MH, Soleimani M, Reza M, **Keramati M**, Ajami M, et al. Comparison of miRNA profiles of cord blood stem cells in identical and fraternal twins. Cell J[Yakhteh]. 2019;21(1):78-85.
20. Sharifian MR, Mahmoudi M, Pourmomenarabi B, **Keramati MR**. Correlation between Allergic Rhinitis and Otitis Media with Effusion. Iranian Journal of Otorhinolaryngology. 2019;31(105):209.
21. Soori S, Dadashizadeh G, Dorgalaleh A, Tabibian S, **Keramati MR**, Alizadeh S, et al. Relationship Between Single-Nucleotide Polymorphisms

- of Tumor Necrosis Factor Alpha, Interleukin-10, Factor II and Factor V with Risk of Inhibitor Development in Patients with Severe Hemophilia A. *Cardiovascular & Haematological Disorders-Drug Targets (Formerly Current Drug Targets-Cardiovascular & Hematological Disorders)*. 2019;19(3):228-32.
22. Homeirani F, **Keramati MR**, Sadeghian MH, Mozaffari Z, Zarmehri AM. Red Blood Cells Alloimmunization and Autoimmunization in Multi-transfused Thalassemia Patients in South of Iran. *Iranian Journal of Pediatric Hematology & Oncology*. 2019;9(1):40-7.
 23. Aalaei S, Amini S, **Keramati MR**, Shahraki H, Eslami S. Monitoring of Storage and Transportation Temperature Conditions in Red Blood Cell Units: A Cross-Sectional Study. *Indian Journal of Hematology and Blood Transfusion*. 2019;35(2):304-12.
 24. Asgharzadeh A, Alizadeh S, **Keramati MR**, Soleimani M, Atashi A, Edalati Fathabad M, et al. Upregulation of miR-210 promotes differentiation of mesenchymal stem cells (MSCs) into osteoblasts. *Bosnian journal of basic medical sciences*. 2018;18(4):328.
 25. Moinzadeh L, **Keramati MR**, Jalali MT, Keikhaei B, Saki N, Saki Malehi A, et al. Survey of the Status of Iron and Sclerostin in Major Thalassemia Patients. *International Journal of Medical Laboratory*. 2018;5(4):288-93.
 26. Sohrabi T, Ayatollahi H, Rokni M, Houshmand S, Zafari Z, Sadeghian MH, **Keramati MR**. Correlation of BCRP Expression to NPM1 Mutations in Acute Myeloid Leukemia. *International Journal of Hematology and Oncology*. 2018;28(2):1-5.
 27. Ayatollahi H, Asgharzadeh A, Rafiee M, **Keramati MR**, Barzegar M, Amiri V, et al. Effect of Sulfur Mustard Toxicity on FLT3-ITD Gene Mutation

- in Sulfur Mustard Veterans. Iranian Journal of Toxicology. 2018;12(4):1-4.
28. Aalaei S, Amini S, **Keramati MR**, Tabesh H, Taherzadeh Z, Khoshrounezhad S, et al. Effectiveness of intervention due to feedback on errors arising from inappropriate transportation and storage of blood bags in hospitals: a quasi-experimental study. Electronic Physician. 2018;10(5):6764-70.
29. Hamidi Alamdari D, Nobakht BF, Balali-Mood M, **Keramati MR**, Sahebkar A. Prooxidant-antioxidant balance in Iranian veterans exposed to mustard gas and its correlation with biochemical and hematological parameters. Drug and chemical toxicology. 2018:1-5.
30. Ayatollahi H, **Keramati MR**, Shirdel A, Kooshyar MM, Raiszadeh M, Shakeri S, et al. BCR-ABL fusion genes and laboratory findings in patients with chronic myeloid leukemia in northeast Iran. Caspian journal of internal medicine. 2018;9(1):65-70.
31. Ayatollahi H, Rahimi H, Jafarian Ah, Allahyari A, Sadeghian Mh, **Keramati MR**, et al. Assessment of BAALC Gene Expression in Acute Myeloid Leukemia Patients Compared to Control Group in North-East of Iran. International Journal of Hematology and Oncology. 2017;27(4):237-43.
32. Farhangi H, Badiei Z, Moghaddam HM, **Keramati MR**. Assessment of heart and liver iron overload in thalassemia major patients using T2* magnetic resonance imaging. Indian Journal of Hematology and Blood Transfusion. 2017;33(2):228-34.
33. Bazi A, **Keramati MR**, Shahramian I. Cardiac Hemosiderosis in Transfusion Dependent Thalassemia: A Mini-Review. Int J Basic Sci Med. 2017;2(1):5-10.
34. Ebrahimi S, Jaber N, Avan A, Ryzhikov M, Keramati MR, Parizadeh MR, et al. Role of thrombin in the pathogenesis of central nervous system

- inflammatory diseases. *Journal of cellular physiology*. 2017;232(3):482-5.
35. Ayatollahi H, Sadeghian MH, **Keramati MR**, Ayatollahi A, Shajiei A, Sheikhi M, et al. The effect of deoxyribonucleic acid extraction methods from lymphoid tissue on the purity, content, and amplifying ability. *Niger Med J*. 2016;57(4):199-203.
36. Ebrahimi S, Rahmani F, Behnam-Rassouli R, Hoseinkhani F, Parizadeh MR, **Keramati MR**, et al. Proinflammatory signaling functions of thrombin in cancer. *Journal of cellular physiology*. 2017;232(9):2323-9.
37. Rahimi H, Sadeghian MH, Keramati MR, Jafarian AH, Shakeri S, Shams SF, et al. Cytogenetic Abnormalities with Interphase FISH Method and Clinical Manifestation in Chronic Lymphocytic Leukemia Patients in North-East of Iran. *International Journal of Hematology-Oncology and Stem Cell Research*. 2016;11(3):217-24.
38. Rafiee M, **Keramati MR**, Ayatollahi H, Sadeghian MH, Barzegar M, Asgharzadeh A, et al. Down-Regulation of Ribosomal S6 kinase RPS6KA6 in Acute Myeloid Leukemia Patients. *Cell j (Yakhteh)*. 2016;18(2):159-64.
39. Farhangi H, Badiei Z, Moghaddam HM, **Keramati MR**. Assessment of Heart and Liver Iron Overload in Thalassemia Major Patients Using T2* Magnetic Resonance Imaging. *Indian Journal of Hematology and Blood Transfusion*. 2016; 33(2): 228-234.
40. Ayatollahi H, Rostami E, Sadeghian MH, **Keramati MR**, Zeinali E. Expression Level of the PPP2R5C Gene in Patients With Acute Myeloid Leukemia and Chronic Myeloid Leukemia. *J Biomed*. 2016;1(1):e5334.
41. Panahi Y, Bonakdaran S, Yaghoubi MA, **Keramati MR**, Haratian M, Sahebkar A. Serum Levels of Fibroblast Growth Factor 21 In Type 2 Diabetic Patients. *Acta Endocrinologica (1841-0987)*. 2016;12(3):257-61.
42. **Keramati MR**, Sadeghian, MH, Ayatollahi, H., Basharati MH, Jalili M, balali mood M. Evaluation of JAK2 (V617F) Mutation in Iranian

Veterans with Delayed Complications of Sulphur Mustard Poisoning. Iranian Journal of Toxicology. 2016;10(4):21-24.

43. Dadpour B, Afshari R, Mousavi SR, Kianoush S, **Keramati MR**, Moradi VA, et al. Clinical and Laboratory Findings of Lead Hepatotoxicity in the Workers of a Car Battery Manufacturing Factory. Iranian Journal of Toxicology. 2016;10(2):1-6.
44. Bazi A, Gholamin M, **Keramati MR**, Sharifirad J. Effects of oxidative stress on modulating unfolded protein response signaling pathway in K562 chronic myeloid cell line. Scholar Research Library. 2016;8(8):267-72.
45. Bazi A, **Keramati MR**, Gholamin M. Role of Oxidative Stress in Modulating Unfolded Protein Response Activity in Chronic Myeloid Leukemia Cell Line. Iranian biomedical journal. 2016;20(1):63-7.
46. Ayatollahi, H., Sadeghian, M.H., Keramati, M.R., Karimiani, E.G., Jafarian, A.H., Shirdel, A., Rahimi, H., Zangane-Far, M.E., Shajiei, A. and Sheikhi, M., JAK2 V617F Mutation in Adult T Cell Leukemia-Lymphoma. Indian journal of hematology & blood. 2016;32(4):437-41.
47. Ayatollahi H, **Keramati MR**, Sadeghian MH, GhayoorKarimiani E, Mirzaee F, Shakeri S. De Novo Chromosomal Abnormalities In Acute Leukemia Patients In Northeast Of Iran. International Journal of Biology, Pharmacy and Allied Sciences. 2015;4(11): 6312-26.
48. Kooshyar MM, Sadeghian MH, **Keramati MR**, Rahimi H, Shams SF, Shakeri S, et al. Frequency of FLT3 ITD and FLT3 TKD Mutations in Multiple Myeloma Patients (A Case Control Study). International Journal of Medical Laboratory. 2015;2(1):34-40.
49. Bazi A, Gholamin M, Sisakht M, Keramati MR. Bee Venom Induces Unfolded Protein Response in A172 Glioblastoma Cell Line. Biotechnology and health sciences. 2015;2(2).
50. Nobakht MGBF, Oskouie AA, Aliannejad R, Rezaei-Tavirani M,

Tavallaie S, Baghban AA, Taheri S, **Keramati MR**, Hamidi Alamdari D. Pro-oxidant-antioxidant balance in Iranian veterans with sulfur mustard toxicity and different levels of pulmonary disorders. Drug and chemical toxicology. 2015;1-5.

51. Ayatollahi H, Rafiee M, **Keramati MR**, Balali-Mood M, Asgharzadeh A, Sadeghian MH, et al. Lack of FLT3-TKD835 gene mutation in toxicity of sulfur mustard in Iranian veterans. Iranian journal of basic medical sciences. 2015;18(9):856-60.
52. Mohammadi Z, Tavakkol Afshari J, **Keramati MR**, Hamidi Alamdari D, Ganjibakhsh M, Moradi Zarmehri A, et al. Differentiation of adipocytes and osteocytes from human adipose and placental mesenchymal stem cells. Iranian journal of basic medical sciences. 2015;18(3):259-66.
53. Ayatollahi H, Homaei-Shandiz F, Kooshyar M, Tabatabaee-Yazdi S, Mehrjerdian M, Jafarian A, **Keramati MR**, Ghasemian-Moghadam HR and Sheikhi M. Human papilloma virus 16/18 genotypes in patients with squamous cell carcinoma of cervix in northeast Iran. Nigerian Medical Journal. 2014;55(6):495-8.
54. Bazi A, Gholamin M, **Keramati M**, Esmailzade M. Unfolded protein response activity and cell cycle analysis in K562 cell line. Cancer Biology. 2014;4(4):22-5.
55. Aalaei S, Amini S, **Keramati MR**, Shahraki H, Abu-Hanna A, Eslami S. Blood bag temperature monitoring system. Studies in health technology and informatics. 2014;205:730-4.
56. Mahdavi-Zafarghandi R, Shakiba B, **Keramati MR**, Tavakkoli M. Platelet volume indices in patients with varicocele. Clinical and experimental reproductive medicine. 2014 Jun;41(2):92-5.
57. Kooshyar MM, Ayatollahi H, **Keramati MR**, Sadeghian MH, Miri M, Sheikhi M. Lack of KRAS Gene Mutations in Chronic Myeloid Leukemia in

- Iran. Asian Pacific journal of cancer prevention : APJCP. 2013;14(11):6653-6.
58. **Keramati MR**, Manavifar L, Badiie Z, Sadeghian MH, Farhangi H, Mood MB. Correlation between blood lead concentration and iron deficiency in Iranian children. Nigerian Medical Journal. 2013;54(5):325-8.
59. Alipour M, Tabari M, **Keramati M**, Zarmehri AM, Makhmalbaf H. Effectiveness of oral Tranexamic acid administration on blood loss after knee arthroplasty: A randomized clinical trial. Transfus Apher Sci. 2013 Dec;49(3):574-7
60. Sadeghian MH, Yazdi SAT, Ayatollahi H, Ghazvini K, **Keramati MR**, Karimiani EG, et al. Absence of Helicobacter pylori infection in coronary atherosclerosis disease in Northeast of Iran. Artery Research. 2013;7(3-4):211-5.
61. **Keramati MR**, Balali-Mood M, Mousavi SR, Sadeghi M, Riahi-Zanjani B. Biochemical and hematological findings of Khorasan veterans 23 years after sulfur mustard exposure. Journal of Research in Medical Sciences. 2013;18(10):855-9.
62. Manavifar L, **Keramati MR**, Jamali J, Tavakkoli S, Mansouritorghabeh H, Hashemy SI. The Association between Neutrophilic Hypersegmentation and Iron Deficiency with Regard to Folate Status in 16-30 Year-Old Women. Clin Lab. 2014;3:4.
63. Akhlaghi F, **Keramati MR**, Tafazoli M. Study on Antiphospholipid/Anticardiolipin Antibodies in Women With Recurrent Abortion. Iranian Red Crescent Medical Journal. 2013;15(8):718-22.
64. **Keramati MR**, Sadeghian MH, Ayatollahi H, Younes Y. Screening of Hemoglobin Disorders in Referral Cases to the Hospital's Laboratory in Northeast Iran. International Journal of Hematology and Oncology. 2013;23(2):138-42.

65. Aryana K, **Keramati MR**, Zakavi SR, Sadeghian MH, Akbari H. Association of Helicobacter pylori infection with the Lewis and ABO blood groups in dyspeptic patients. Niger Med J. 2013;54(3):196-9.
66. **Keramati MR**, Khooei A, Aelami MH. Visceral Leishmaniasis with Massive Hematemesis and Peripheral Blood Involvement. Clinical Laboratory Journal. 2013;59(3-4):425-427.
67. Sadeghian MH, Tabatabaee Yazdi SA, Ayatollahi H, **Keramati MR**, Ghazvini K, Rezai A, et al. Is there any relationship between Chlamydomydia pneumoniae and coronary atherosclerosis among Iranians? Nigerian Medical Journal 2013;54(1):40-4.
68. Sadeghian MH, Avval MM, Ayatollahi H, **Keramati MR**, Memar B, Jamedar SA, et al. Is there any relationship between Human herpesvirus-8 and multiple myeloma? Lymphoma. 2013;2013:5.
69. Sadeghian MH, **Keramati MR**, Ayatollahi H, Shirinzadeh-Feizabadi A, Sobhani F, Tehranaian F, et al. Expression of Rhesus Blood Group Antigens in HTLV-I Infection in Northeast Iran. Clin Lab. 2012;58(11-12):1323-7.
70. Sadeghian MH, **Keramati MR**, Ayatollahi H, Feizabadi AS, Tehranaian F, Shakibye H. Is there any relationship between expressions of minor blood group antigens with HTLV-I infection? Transfus Apher Sci. 2012;47(2):151-4.
71. **Keramati MR**, Sadeghian MH, Ayatollahi H, Badiie Z, Shakibayi H, Moghimi-Roudi A. Role of the Lewis and ABO Blood Group Antigens in Helicobacter pylori Infection. Malays J Med Sci. 2012;19(3):17-21.
72. Sadeghian MH, Ayatollahi H, **Keramati MR**, Memar B, Jamedar SA, Avval MM, et al. The association of Epstein-Barr Virus infection with multiple myeloma. Indian J Pathol Microbiol. 2011;54(4):720-4.
73. **Keramati MR**, Shakibaei H, Kheiyami MI, Ayatollahi H, Badiie z,

- Sadeghian MH, Samavati S. Blood Group Antigens Frequencies in the Northeast of Iran. *Transfusion and apheresis science*. 2011;45:133-136.
74. **Keramati MR**, Mohammadzadeh A, Farhat AS, sadeghi R. Determination of Hematologic Reference Values of Neonates in Mashhad - Iran. *Uhd-Uluslararası Hematoloji-Onkoloji Dergisi*. 2011;21(2):101-5.
 75. Sadeghian M, **Keramati M**, Ayatollahi H, Rafatpana H, Kaajeh Daluei M, Baesi N. C3 and C4 complement levels in iron deficiency anemia. *Iranian journal of pathology*. 2011;6(3):56-62.
 76. **Keramati MR**, Sadeghian MH, Mood M. Correlation between Iron Deficiency and Lead Intoxication in the Workers of a Car Battery Plant. *Uhd-Uluslararası Hematoloji-Onkoloji Dergisi*. 2010;20(3):169-74.
 77. Sadeghian M, **Keramati M**, Ayatollahi H, Manavifar L, Enaiati H, Mahmoudi M. Serum Immunoglobulins in Patients with Iron Deficiency Anemia. *Indian Journal of Hematology and Blood Transfusion*. 2010;26(2):45-8.
 78. **Keramati MR**, Sadeghian MH, Ayatollahi H, Zarmehri AM. Case of erythrophagocytosis in a patient with mantle cell lymphoma and cold agglutinin disease. *Leukemia Research*. 2010;34(7):E167-E8.
 79. Balalimoud M, Shademanfar S, Rastgar Moghadam J, Afshari R, Namaei Ghasemi M, Alah Nemati H, **Keramati MR**, et al. Occupational lead poisoning in workers of traditional tile factories in Mashhad, Northeast of Iran. *International Journal of Occupational and Environmental Medicine* 2010;1(1):29-38.
 80. **Keramati MR**, Sadeghian MH, Ayatollahi H. Clinical and laboratory features in adult T-cell leukemia/lymphoma in Khorasan, Iran. *Leukemia & Lymphoma*. 2010;51(4):727-9.
 81. Mohammadzadeh A, Jafarzadeh M, Farhat AS, **Keramati MR**, Badiie Z, smaili H, Amiri R. Prevalence of glucose- 6 -

- phosphatedehydrogenase deficiency in neonates of Northeast of Iran. Journal of Chinese clinical medicine. 2009; 4(8): 448-451.
82. Sadeghian MH, **Keramati MR**, Badiei Z, Ravarian M, Ayatollahi H, Rafatpanah H, Daluei MK. Alloimmunization among transfusion-dependent thalassemia patients. Asian J Transfus Sci 2009;3(2): 95-8.
 83. Ghaemi N, **Keramati M**, Vakili R. Evaluating the Correlation between HbA1c and Growth Parameters, Lipid Profile in Children and Adolescents with Type 1 Diabetes. Medical Journal of Mashad University of Medical Sciences. 2009; 51(4): 197-202.
 84. Sharifi N, Sadeghian MH, Ayatollahi H, Khajeh Daluei M, Rezaea AR, **Keramati MR**. Validity of P57^{kip2} immunohistochemical marker in differential diagnosis of molar pregnancy. Journal of the Turkish-German Gynecological Association. 2009;10(1): 39-42.
 85. **Keramati MR**, Sadeghian MH, Parizadeh MR, Maroozi F. Association between the level of HbA1c and serum lipids profile in type 2 diabetic patients. Medical Journal of Mashad University of Medical Sciences. 2008;51(3):159-164. (in persian with english abstract).
 86. Sadeghian MH, Katebi M, Ayatollahi H, **Keramati MR**. Immunohistochemical study association between human herpesvirus 8 and multiple myeloma. International Journal of Hematology. 2008;88(3):283-6.
 87. Jafarzadeh M, Mohammadzadeh A, Farhat AS, **Keramati MR**, Khajedaluei M. The comparison effect of oral and intramuscular injection vitamin K on PT and APTT in neonates. Uhd-Uluslararası Hematoloji-Onkoloji Dergisi. 2008;18(2):74-8.
 88. **Keramati MR**, Nezafati MH. Multivariate predictors of blood transfusion in patients undergoing coronary artery bypass graft in Mashhad, Iran. Iranian Red Crescent Medical Journal. 2008;10(2):79-83.
 89. **Keramati MR**, Tafazoli M, Assessment of various medical groups'

knowledge of transfusion medicine. Hakim reseach journal. 2008;10(4): 53-59 (in persian with english abstract).

90. **Keramati MR**, Tayyebi Maybodi N. The Effect of Iron Deficiency Anemia (IDA) on the HbA2 Level and Comparision of Hematologic Values between IDA and Thalassemia Minor. Int J Hematol Oncol. 2007;17(3):151-156.
91. **Keramati MR**, Siadat Z , Mahmoudi M. The correlation between H. pylori infection with serum ferritin concentration and iron deficiency anemia. Int J Hematol Oncol. 2007;17(1): 16-20.
92. Tabarestani M, **Keramati MR**, Maroozi F, Keramati A. The determination of hematologic reference values oriented by sex and age in general population of mashhad. Ofogh-e Danesh. 2007;13: 27-33 (in persian with english abstract).
93. 1. Tabarestani M, **Keramati MR**. Congenital factor VII deficiency in a family in Mashhad, a case report. Medical Journal of Mashad University of Medical Sciences. 2007;94:455-9 (in persian with english abstract).
94. Tavanaii, Bojdi A, Rastegari S, **Keramati MR**. Neuroborreliosis during relapsing fever and a case report. Medical Journal of Mashad University of Medical Sciences. 2007;50(96):235-240 (in persian with english abstract).
95. **keramati MR**, Mahmoudi M. Risk factors for helicobacter pylori infection and correlation of ABO blood groups with this infection. Medical Journal of Mashad University of Medical Sciences. 2007;49(94):379-386.
96. Tafazoli M, **Keramati MR**, Vakili R. Etiology of thrombocytosis and use of platelet parameter in distinguish between clonal and reactive thrombocytosis. Int J Hematol Oncol. 2006;16(2):71-76.
97. **Keramati MR**, Tafazoli M. Evaluation of Blood and Blood Products Consumption in Imam Reza Hospital of Mashhad. Medical Journal of

Mashad University of Medical Science. 2006;49(92):199-208 (in persian with english abstract).

98. Khooei AR, **Keramati MR**. Lymphomas and pseudolymphomas of the skin, reevaluating the cases in the past ten years in Emam Reza and Omid hospitals of Mashhad, applying Immunohistochemical(IHC) methods and New Classifications. Iranian Journal of Dermatology. 2005;83:201-210 (in persian with english abstract).
99. Khooei AR, **Keramati MR**: Juxtaglomerular tumor of the kidney a rare cause of hypertension. Ofoghe-e- Danesh. 2004;103:57-62 (in persian with english abstract).
100. Tabarestani M, Hatef MR, **Keramati MR**. Hematologic Manifestations of systemic lupus erythematosus, Medical Journal of Mashad University of Medical Sciences. 2002;45(78):5-12 (in persian with english abstract).

Publications: Thesis

1. Boroumand Noghabi S, **Keramati MR**, Sasan MS, Alami MH, Taraz Jamshidi. Evaluation of clinical and laboratory findings of patients with diffuse BCGitis at Imam Reza hospital between 1382-1398, P 8992, 2019, 29 pages (in persian).
2. **MR**, Mohammadi MH, Vazifeh Shiran N, Broumand Noghabi S. Evaluation of factors and miRNAs genes expression level involved in bortezomib resistance in human multiple myeloma cell lines. Mashhad, university of medical sciences. Mashhad, Iran, A-1216, 2018, 83 pages (in persian).
3. **Keramati MR**, hasanian M, Avan A, Naderi M.**Dr**. Investigation of the relationship between IL-10 and TNF- α gene polymorphism and resistance therapy to platelet transfusion and recombinant factor VII injection in

Glanzmann Thrombasthenia. Mashhad, university of medical sciences. Mashhad, Iran, A-1122, 2017, 46 pages (in persian).

4. **Keramati MR**, Badiei Z, Ayatollahi H, Farhangi H, Molecular characterization of Factor V and combined factor V and VIII deficiencies in Northeast Iran. Mashhad, university of medical sciences. Mashhad, Iran, a-1034, 2017, 67 pages (in persian).
5. Abrishami F, Mohammadi M, **Keramati MR**, Badiei Z. relation between vitamin D receptor (fok1) polymorphism and osteoporosis in major and intermedia β -thalassemia patients of north-east of Iran. Mashhad, university of medical sciences. Mashhad, Iran, A-1083, 2017, 70 pages (in persian).
6. Abrishami F, Pourfathollah AA, Hashemi soteh MB, **Keramati MR**, karimi H, Red blood cell alloimmunization in blood transfusion-dependent beta-thalassemia patients in northern Iran. Mashhad, university of medical sciences. Mashhad, Iran, A-1003, 2017, 60 pages (in persian).
7. **Keramati MR**, Ayatollahi H, Sadeghian MH. The relationship between NPM1 mutations and BCRP gene expression in patients with Acute Myeloid Leukemia. Faculty of Medicine. Mashhad, university of medical sciences. Mashhad, Iran, A-985, 2017, 81 pages (in persian).
8. Sadeghian MH, Alizadeh S, **Keramati MR**, study of relation between HPA (2-3-4) antigen polymorphism and refractory response to platelet therapy in Glanzmann's thromboasthenia patients. Mashhad, university of medical sciences. Mashhad, Iran, A-968, 2017, 73 pages (in persian).
9. **Keramati MR**, Sadeghian MH. Red blood cell Alloimmunization and autoimmunization in Transfusion Dependent Thalassemia Patients in South of Iran. Faculty of Medicine. Mashhad, university of medical sciences. Mashhad, Iran, A-956, 2016, 49 pages (in persian).
10. **Keramati MR**, Badiee Z, Sadeghian MH, Afzalaghaiee M, Farhangi H, Shahroodian M. Sadeghian M. Prevelance of Antiphospholipid Antibodies in

Patients With Recurrent Miscarriages. Mashhad, university of medical sciences. Mashhad, Iran, A-862, 2016, 41 pages (in persian).

11. Badiie Z, **Keramati MR**, Nabavi A. The Gene Mutation Detection of Sever Hemophilia A (Coagulation Factor 8 Deficiency) and Sever Hemophilia B (Coagulation Factor 9 Deficiency) for preparing set up of Prenatal Diagnosis of these disorders in Mashhad University of Medical Sciences. Faculty of Medicine. Mashhad, university of medical sciences. Mashhad, Iran, A-824, 2016, 59 pages (in persian).
12. Sadeghian MH, Badiie Z, **Keramati MR**. Investigation of iron storage and dickkopf-1 in beta-thalassemia major patients. Faculty of Medicine. Mashhad, university of medical sciences. Mashhad, Iran, A-873, 2016, 53 pages (in persian).
13. **Keramati MR**, Gholamin M, Sadeghian MH, Habibi M. Evaluation of DUSP6 expression in AML and CML patients and association to FLT3-ITD mutation in AML. Faculty of Medicine. Mashhad, university of medical sciences. Mashhad, Iran, A-620, 2015, 68 pages (in persian).
14. **Keramati MR**, Sadeghian MH, Tabriznia Tabrizi S. The Epidemiology of Human T-Cell Lymphotropic Virus (HTLV-I) Among Blood Donors in Khorasan Razavi Province during the Last Eleven Years (From 2003 to 2013) Faculty of Medicine. Mashhad, university of medical sciences. Mashhad, Iran, A-620, 2015, 68 pages (in persian).
15. **Keramati MR**, Alizadeh S, Soleimani M, Asgharzadeh A, Soleimani. miR-210 up-regulation effect on differentiation of human Cord blood Mesenchymal Stem cell to Osteoblast Cell, Faculty of Medicine. Mashhad, university of medical sciences. Mashhad, Iran, A-625, 2015, 81 pages (in persian).
16. Sadeghian MH, **Keramati MR**, Boskabadi H. evaluation of immature neutrophil ratio and calprotectin level for diagnosis neonatal septic. Faculty of

Medicine. Mashhad, university of medical sciences. Mashhad, Iran, A-857, 2015, 67 pages (in persian).

17. Eslami S, Amini S, **Keramati MR**. Temperature of blood packages during storage and transportation in hospital. Faculty of Medicine. Mashhad, university of medical sciences. Mashhad, Iran, A-789, 2015, 34 pages (in persian).
18. Sadeghian MH, Soleimani M, Atashi A, **Keramati MR**. Comparison of miRNA Profiles of Cord Blood Stem Cells in Identical and Fraternal Twins. Faculty of Medicine. Mashhad, university of medical sciences. Mashhad, Iran, A-556, 2014, 86 pages (in persian).
19. Ayatollahi H, **Keramati MR**, comparison of KIBRA expression gene in acute leukemias patients and control group. Mashhad, Iran, A-624, 2014, 90 pages (in Persian).
20. **Keramati MR**, Kooshyar MM, Ayatollahi H, Sadeghian MH, Miri M. Frequency assessment of Mutations in K-RAS Genes (Codons 12 and 13) in Chronic Myeloid Leukemia Patients. Faculty of Medicine. Mashhad, university of medical sciences. Mashhad, Iran, 6955, 2014, 30 pages (in persian).
21. **Keramati MR**, Ayatollahi H, Evaluation of DUSP6 expression in AML and CML patients and association to FLT3-ITD mutation in AML. Faculty of Medicine. Mashhad, university of medical sciences. Mashhad, Iran, A-530, 2014, 46 pages (in persian).
22. **Keramati MR**, Ayatollahi H. Expression of RSK4 gen in Acute Myeloid Leukemia in comparison with the control group. Faculty of Medicine. Mashhad, university of medical sciences. Mashhad, Iran, A-593, 2014, 46 pages (in persian).
23. **Keramati MR**, Gholamin M, Ayatollahi H. Evaluation of simultaneous induction effect of oxidative stress and Endoplasmic reticulum stress on endoplasmic

reticulum calcium hemostasis and UPR intracellular signaling pathway activity. Faculty of Medicine. Mashhad, university of medical sciences. Mashhad, Iran, A-518, 2014, 80 pages (in persian).

24. **Keramati MR**, Ayatollahi H, Frequency of JAK2 (V617F) Mutation in Toxicity of Sulphur Mustard in Mashhad Veterans, Faculty of Medicine. Mashhad, university of medical sciences. Mashhad, Iran, 6918, 2013, 50 pages (in persian).
25. **Keramati MR**, Riahi B, Correlations between serum Copper and Zinc levels and blood Lead concentration in a car battery firm, Faculty of Medicine. Mashhad, university of medical sciences. Mashhad, Iran, 8093, 2013, 88 pages (in persian).
26. **Keramati MR**, Tavakkol Afshar J. Isolation of mesenchymal Stem Cells from Human Adipose Tissue and Differentiate into Endothelial. Faculty of Medicine. Mashhad, university of medical sciences. Mashhad, Iran, 447, 2013, 41 pages (in persian).
27. **Keramati MR**, Sadeghian MH. The study of hemoglobin disorder frequencies in admitted patients to Imam Reza hospital laboratory, Mashhad. Faculty of Medicine. Mashhad, university of medical sciences. Mashhad, Iran, 6530, 2011, 68 pages (in persian).
28. Ariana k, **Keramati MR**, Esmail Zadeh H, Correlation of active Helicobacter pylori infection with Lewis and ABO antigens in dyspeptic patients, Faculty of Medicine. Mashhad, university of medical sciences. Mashhad, Iran, 6618, 2011, 98 pages (in persian).
29. **Keramati MR**, Sadeghian MH, Association of Lewis and ABO blood group antigens expression on Helicobacter pylori infection. Faculty of Medicine. Mashhad, university of medical sciences. Mashhad, Iran, 6561, 2011, 67 pages (in persian).

30. Sadeghian MH, **keramati MR**, Ayatollahi H, Khaje Daluei M: Frequency of minor blood groups among confirmed HTLV1 infected subjects. Faculty of Medicine, Mashhad university of medical sciences, Mashhad, Iran, 6472,2010, 80 pages(in persian).
31. **keramati MR**, Sadeghian MH, Ayatollahi H, Frequency of minor blood group antigens in blood donors of transfusion center organization – Mashhad. Faculty of Medicine, Mashhad university of medical sciences, Mashhad, Iran. 6490, 2010, 71 pages (in persian).
32. **keramati MR**, Sadeghian MH, Mohmoodi M, Tavassolian H, KhajeDaluei M: Correlation of Iron deficiency Anemia with T lymphocytes subsets counting, Faculty of Medicine, Mashhad university of medical sciences, Mashhad, Iran.T-2147, 2009, 72 pages(in persian).
33. **Keramati MR**, Tayyebi Maybodi N: The clinical and pathological evaluation of hairy cell leukemia in patients admitted in Imam Reza hospital during 10 years (from mehr 1376 to shahrivar 1385), Faculty of Medicine, Mashhad university of medical sciences. Mashhad, Iran, 6088,2008,74 pages (in persian).
34. Vacili R, Shirdel A, Tafazoli M, **Keramati MR**: Evaluation of causes of thrombocytosis and change of platelet index and peripheral blood smear in primary and secondary thrombocytosis and compare them, Faculty of Medicine. Mashhad, university of medical sciences. Mashhad, Iran,5689, 2005,119 pages (in persian).

Publications: Abstracts

1. Aalaei S, Amini S, Taherzadeh Z, Khoshrounezhad S, Khoshrounezhad F, **Keramati MR**, et al. the effects of feedback-based intervention in errors

due to inappropriate storage and transportation of blood bags in hospital
Acta HealthMedica. 2017;2(2):109-10.

2. Mohammadi Z, Tavakol Afshari J, **Keramati MR**, Hamidi Alamdari D, Ganjibakhsh M, Moradi Zarmehri A, et al. Human Mesenchymal Stem Cells Derived from Adipose Tissue and Placenta and the Adipocytic and Osteocytic Differentiation. International Journal of Pediatrics. 2014;2(2.3):39-.
3. Manavifar L, Hashemy SI, **Keramati MR**, Jamali J. The association between neutrophilic hypersegmentation and iron deficiency with regard to folate status in 16-30 years old women. Iranian journal of biotechnology. 2013;42(1, Supplement):S319.
4. **Keramati MR**, Khooshe AR, Aelami MH, Sadeghian MH, Ayatollahi H, Gholampour M. Visceral Leishmaniasis with Massive Hematemesis and Peripheral Blood Involvement: a case report. The 5th International Congress of Laboratory & Clinic, Blood Disorders, Tehran, Iran, 2013, January 15-18:56.
5. Ayatollahi H, Sadeghian MH, **Keramati MR**, Sheikhi M, Shakeri S, Omidian R, Mirzaee F, Soltani N, Ghazaei S, Gholampour M, Rostami E, Alidadi M, Rezaei H. Analysis of chromosomal abnormalities on bone marrow aspirations in Acute Leukemia patients: A Pilot Study. The 5th International Congress of Laboratory & Clinic, Blood Disorders, Tehran, Iran, 2013, January 15-18:95.
6. Sadeghian MH, **Keramati MR**, Ayatollahi H, Gholampour M, Mansouri S, Omidian R. Evaluation of clinicopathological findings and frequency of laboratory findings in HIV-positive patients who were referred to the Mashhad Infectious behavior Shahid Ghodsi Center. The 5th International Congress of Laboratory & Clinic, Blood Disorders, Tehran, Iran, 2013, January 15-18:17.

7. **Keramati MR.** Role of the Lewis and ABO Blood Group Antigens in Helicobacter pylori Infection. Iranian journal of medical science, 2012;37(1, Supplement):S313.
8. Sadeghian MH, Ayatollahi H, **Keramati MR**, Memar B, Amel Jamehdar S, Mohammadnia avval M. Detection of Epstein-Barr Virus DNA in plasma cell myeloma. Mahidol international conference on infections and cancers 2012, Bangkok, Thailand, 2012, Feb 6-8:70.
9. Sadeghian MH, Ayatollahi H, **Keramati MR**, Memar B, Amel Jamehdar S, Mohammadnia avval M, Sheikhi M. A survey of relationship between human herpes virus-8 and plasma cell myeloma by PCR method. Iranian journal of medical science, 2012;37(1, Supplement):S313.
10. Sadeghian MH, Tabatabaee Yazdi SA, Ayatollahi H, **Keramati MR**, Ghazvini K, Rezai AR, Heidari N, Sheikhi M. Role of chlamydia pneumonia infection in coronary atherosclerosis. Iranian journal of medical science, 2012;37(1, Supplement):S388.
11. **Keramati Mohammad R**, Parizadeh Mohammad R, Sadeghian Mohammad H, Maroozi F. Association between the level of HbA1c and serum lipids profile in type 2 diabetic patients. Clinical Biochemistry. 2011;44(13, Supplement):S143.
12. Sadeghian MH, Ayatollahi H, **Keramati MR**, Al-Davood A. Serum lactate dehydrogenase level in patients with malignant lymphoma. Clinical Biochemistry. 2011;44(13, Supplement):S175.
13. Ghaemi N, **Keramati Mohammad R**, Vakili R. Evaluating the correlation between HbA1c and growth parameters, lipid profile in children and adolescents with type 1 diabetes. Clinical Biochemistry. 2011;44(13, Supplement):S143-S4.
14. Ayatollahi H, Sadeghian MH, Tabatabaee A, **Keramati MR**, Ghazvini K, Rezaee AR, et al. Is there any significant correlation between

Chlamydia pneumoniae infection with coronary atherosclerosis? Clinical Biochemistry. 2011;44(13, Supplement):S297-S8.

15. **Keramati MR**, Sadeghian MH, Badiie Z, Ayatollahi H. Hemoglobin Disorder Frequencies in Northeast Iran. 12th international conference on Thalassemia and hemoglobinopathies. Antalya, Turkey, 2011, May 11-14: 80.
16. **Keramati M**, Mohammadzadeh A, Farhat AS The determination of hematologic reference values in neonates in Mashhad. First neonatal & pediatriacs intensive care congress. Mashhad, Iran, 2010, Nov 27-29:109.
17. **Keramati MR**, Sadeghian MH, Ayatollahi H, Mahmoodi M, Khajeh daluie M, TavasoliAn H, Borzouei A. Association between iron deficiency anemia with T lymphocyte subset. International asthema, allergy and immunology congress. Mashhad, Iran, 2010, oct 27-29: 89.
18. **Keramati MR**, Sadeghian MH, Badii Z, Ravarian M, Ayatollahi H, Rafatpanah M, Khajeh daluie M. Alloimmunization among transfusion-dependent thalassemia patients. International asthema, allergy and immunology congress. Mashhad, Iran, 2010, oct 27-29: 88.
19. Sadeghian MH, **Keramati MR**, Enaiati H. Correlation Between Iron Deficiency Anemia and Serum Immunoglobulin Levels. International asthema, allergy and immunology congress. Mashhad, Iran, 2010, oct 27-29: 98.
20. Sadeghian MH, **Keramati MR**, Ravarian M, Ayatollahi H, Khajeh daluie M, Shirinzadeh Feizabadi A. Frequency of minor blood groups among confirmed human –lymphocyte virus infected subjeects. The first international congress on HTLV-1 and associated diseases in Iran. Mashhad, Iran, 2010, Feb 18-20: 24.
21. **Keramati MR**, Sadeghian MH, Ayatollahi H, Marjani M, Bagherzadeh Razaz MN. Clinical and laboratory features in adult T-cell

- leukemia/lymphoma in Mashhad. The first international congress on HTLV-1 and associated diseases in Iran. Mashhad, Iran, 2010, Feb 18-20: 64.
22. **Keramati MR**, Tayyebi Maybodi N, Kooshyar MM. The clinical and pathological evaluation of hairy cell leukemia in patients admitted in Imam Reza hospital during 10 years. clinical oncology congress, Mashhad, Iran, 2010, Nov 12-14: 54.
23. Sadeghian MH, Katebi M, Ayatollahi H, Keramati MR. Correlation between human herpesvirus-8 with multiple myeloma. Virchows Archiv. 2008;452:S62-S.
24. **Keramati MR**, Sadeghian MH, Tafazoli . Assessment of various medical groups' knowledge of transfusion medicine. 10th Congress of Iranian Society of Pathology, 4th Congress of Iranian Cancer Association, Tehran, Iran, 2008, Oct 22-24: 74.
25. **Keramati MR**, Mahmudi M, Sadeghian MH: The correlation between H. pylori infection and serum ferritin concentration and iron deficiency anemia, Emam Reza Hospital, Mashhad. 9th Congress of Iranian Society of Pathology, 3th Congress of Iranian Cancer Association, Tehran, Iran, 2007, Nov 7-9: 94-95.
26. Sadeghian MH, Sharifi N, Ayatollahi H, **Keramati MR**: angiogenesis in acute leukemia, 9th Congress of Iranian Society of Pathology, 3th Congress of Iranian Cancer Association, Tehran, Iran, 2007, Nov 7-9: 253.
27. **Keramati MR**, Nemai- Ghasemi M, Balali- Mood M: Correlation between iron deficiency and lead intoxication in the workers of car battery manufacturer, 6th Congress OF Asia Pacific Association of Medical Toxicology, Bangkok, Thailand, 2007, Dec 12-14: 114.
28. Sadeghian MH, Sharifi N, Haghighi F, **Keramati MR**: Evaluation of Steroid Hormone Receptors in Nasopharynx Angiofibroma, 8th Congress of Iranian Society of Pathology, 2th Congress of Iranian Cancer Association,

Tehran,Iran, 2006, Nov 2-4: 62-63.

29. **Keramati MR**, Tafazoli M, Sadeghian MH: Evaluation of Blood and Blood Products Consumption in Emam Reza Hospital of Mashhad, 8th Congress of Iranian Society of Pathology, 2th Congress of Iranian Cancer Association, Tehran, Iran, 2006,Nov 2-4: 212.
30. **Keramati MR**, Mahmoudi M,Siadat Z: Risk factors for helicobacter pylori infection and correlation of ABO blood groups with this infection, 6th Iranian Congress of Gastroenterology and Hepatology, Mashhad, Iran, 2006, Nov 21-24: 40.
31. Siadat Z,**Keramati MR**, Mahmoudi M: correlation of helicobacter pylori infection with epidemiologic factors and food habits, 9th iranian nutrition congress, Tabriz,Iran, 2006, Sep 4-7.
32. Khooei AR, **Keramati MR**: Lymphoma and pseudo lymphoma of the skin, , 4th National Iranian Congress of Hematology & Oncology and Nursing meeting, Mashhad University of Medical sciences, Mashhad, Iran, 2004, June 23-25: 222.

Memberships

1. 2015 to date, Boardman in clinico anatomical pathology, Mashhad University of Medical Sciences.
- 2.
3. 2011 to date, Examiner MSc in hematology, Mashhad University of Medical Sciences.
4. 2011 to date, Examiner MD in clinico anatomical pathology, Mashhad

University of Medical Sciences.

5. 2006 to 2012, member of basic research committee, Mashhad University of Medical Sciences.
6. 2006 to date, member of research committee of trnasfusion, Khorasan transfusion center.
7. 2004 to date, member of scientific committee of trnasfusion, Khorasan transfusion center.
8. 2003 to date, member of Blood banking, pathology and drug and treatment hospital committees.
9. 2003 to date, member of Cancer Molecular Pathology Research Center. Mashhad University of Medical Sciences.