

CV Dr. Mohammad Hadi Sadeghian Professor of Pathology Mashhad University of Medical Sciences, Mashhad, Iran.	
First name: Mohammad Hadi Family name: Sadeghian Degree: MD. Anatomical & Clinical Pathology Address: Hematology and Blood Banking Laboratory, Ghaem Hospital, Mashhad University of Medical Sciences, Mashhad, Iran. Tel: +98 51 38012386 Email: Sadeghianmh@mums.ac.ir Languages: Farsi , English Updated at: 2023 Jan	

Education:

High School: Shahid Beheshti High School, Gorgan, Iran. (1982-1986)

Medical School: Mashhad University of Medical Sciences, Mashhad ,Iran (1986-1993)

Residency: (Anatomical & Clinical Pathology): Mashhad University of Medical Sciences, Mashhad , Iran. (1997-2001).

Experience:

1. 2003 to date, Director of the Hematology & Blood banking Laboratory, Ghaem Hospital, Mashhad University of Medical Sciences.

2. Assistant of Pathology , Mashhad University of Medical Sciences, Mashhad , Iran.
(2001-2010).
3. Associate of Pathology , Mashhad University of Medical Sciences, Mashhad ,
Iran. (2010-2017).
4. Professor of Pathology , Mashhad University of Medical Sciences, Mashhad ,
Iran. (2017 to date).

Research Interest:

1. Leukemia Pathogenesis
2. Hemostasis and thrombosis.
3. Blood banking and transfusion medicine.

Publications and citations in Google scholar link:

https://scholar.google.com/citations?hl=en&user=L-PgVZwAAAAJ&view_op=list_works&sortby=pubdate

Top articles and citations		Cited by	year
1	Blood group antigens frequencies in the northeast of Iran MR Keramati, H Shakibaei, MI Kheiyami, H Ayatollahi, Z Badiei, ... Transfusion and apheresis science 45 (2), 133-136	444	2011
2	Alloimmunization among transfusion-dependent thalassemia patients MH Sadeghian, MR Keramati, Z Badiei, M Ravarian, H Ayatollahi, ... Asian journal of transfusion science 3 (2), 95	101	2009
3	Early diagnosis of perinatal asphyxia by nucleated red blood cell count: a case-control study H Boskabadi, GHA MAMOURI, MH Sadeghian, MM GHAYOUR, ... ARCHIVES OF IRANIAN MEDICINE 13 (4), 275-281	79	2010

Publications:

1. Boroumand-Noughabi S, Pashaei A, Montazer M, Rahmati A, Ayatollahi H, **Sadeghian MH**, Keramati MR. Investigating the Expression Pattern of the SETMAR Gene Transcript Variants in Childhood Acute Leukemia: Revisiting an Old Gene. J Pediatr Hematol Oncol. 2023 Jan 11.
2. Parsa-Kondelaji M, Ayatollahi H, Rostami M, Sheikhi M, Barzegar F, Afzalaghaee M, Moradi E, **Sadeghian MH**, Momtazi-Borojeni AA. Evaluating the frequency, prognosis and survival of RUNX1 and ASXL1 mutations in patients with acute myeloid leukaemia in northeastern Iran. J Cell Mol Med. 2022 Jul;26(13):3797-3801.
3. Chehreghani Z, **Sadeghian MH**, Ayatollahi H, Bagheri P, Zafari Z, Rezazadeh O, Arbab Jafari P. Detection of TET2 Mutation in Patients with De Novo Acute Myeloid Leukemia: A Mutation Analysis of 51 Iranian Patients. Asian Pac J Cancer Prev. 2022 Mar 1;23(3):803-806.
4. Yazdandoust E, **Sadeghian MH**, Shams SF, Ayatollahi H, Saadatpour Y, Siyadat P, Sheikhi M, Afzalaghaee M. Evaluation of FLT3-ITD Mutations and MDR1 Gene Expression in AML Patients. Iran J Pathol. 2022 Fall;17(4):419-426.
5. Keramat S, **Sadeghian MH**, Keramati MR, Fazeli B. Assessment of T helper 17-associated cytokines in thromboangiitis obliterans. J Inflamm Res. 2019 Sep 5;12:251-258.
6. Ajami M, **Sadeghian MH**, Soleimani M, Keramati MR, Ajami M, Anbarlou A, Atashi A. Comparison of miRNA Profiles of Cord Blood Stem Cells in Identical and Fraternal Twins. Cell J. 2019 Apr;21(1):78-85.

7. Ayatollahi H, Keramati MR, Shirdel A, Kooshyar MM, Raiszadeh M, Shakeri S, **Sadeghian MH**. BCR-ABL fusion genes and laboratory findings in patients with chronic myeloid leukemia in northeast Iran. *Caspian J Intern Med*. 2018; 9(1): 65-70.
8. **Sadeghian MH**, Rezaei Dezaki Z. Prognostic Value of *EVI1* Expression in Pediatric Acute Myeloid Leukemia: A Systematic Review. *Iran J Pathol*. 2018 Summer;13(3):294-300.
9. Shams SF, Ayatollahi H, **Sadeghian MH**, Afzalaghaee M, Shakeri S, Yazdandoust E, Sheikhi M, Amini N, Bakhshi S, Bahrami A. Prevalence of MPL (W515K/L) Mutations in Patients with Negative-JAK2 (V617F) Myeloproliferative Neoplasm in North-East of Iran. *Iran J Pathol*. 2018 Fall;13(4):397-402.
10. Ayatollahi H, Keshavarzi A, Shams B, Barzegar M, Amirpour M, Sheikhi M, Amini N, **Sadeghian MH**, Khiabani A. Relationship Between SOX17 Gene Expression and Prognosis in Acute Myeloid Leukemia. *Iran J Pediatr Hematol Oncol*. 2018; 8(1): 54-61.
11. Fazilat-Panah D, Vakili Ahrari Roudi S, Keramati A, Fanipakdel A, **Sadeghian MH**, Homaei Shandiz F, Shahidsales S, Javadinia SA. Changes in Cytokeratin 18 during Neoadjuvant Chemotherapy of Breast Cancer: A Prospective Study. *Iran J Pathol*. 2020 Spring;15(2):117-126.
12. Jafari PA, **Sadeghian MH**, Miri HH, Sadeghi R, Bagheri R, Lavasani S, Sourì S. Prognostic significance of SF3B1 mutations in patients with myelodysplastic syndromes: A meta-analysis. *Crit Rev Oncol Hematol*. 2020 Jan;145:102832.
13. Kouhpaikar H, **Sadeghian MH**, Rafatpanah H, Kazemi M, Iranshahi M, Delbari Z, Khodadadi F, Ayatollahi H, Rassouli FB. Synergy between parthenolide and arsenic trioxide in adult T-cell leukemia/lymphoma cells *in vitro*. *Iran J Basic Med Sci*. 2020 May;23(5):616-622.

14. Jalili-Nik M, Soukhtanloo M, Mojarrad M, **Sadeghian MH**, Mashkani B. Challenges of expressing recombinant human tissue factor as a secreted protein in *Pichia pastoris*. Prep Biochem Biotechnol. 2022;52(9):1001-1007.
15. Ghotaslou A, Boustani H, Rostami E, Kiani Ghalesardi, **Sadeghian MH**. Evaluation of GRAF Gene Expression in Patients with B-ALL Referred to Mashhad Hospitals and Its Relationship with Clinical and Laboratory Findings. Zanzan Unive Med Sci J. 2017; 25 (112): 40-49.
16. **Ayatollahi H**, Rahimi H, Jafarian AH, Allahyari A, Sadeghian MH, Keramati MR, Sheikhi, M, Amini N, Amirpour M, Shakeri S, Shams SF, Bahrami A. **Assessment of BAALC Gene Expression in Acute Myeloid Leukemia Patients Compared to Control Group in North-East of Iran**. UHOD-ULUSLARARASI HEMATOLOJI-ONKOLOJI DERGISI. 2017; 27(4): 237-243
17. Rahimi H, **Sadeghian MH**, Keramati MR, Jafarian AH, Shakeri S, Shams SF, Motamedi N, Sheikhi M, Ayatollahi H. **Cytogenetic Abnormalities with Interphase FISH Method and Clinical Manifestation in Chronic Lymphocytic Leukemia Patients in North-East of Iran**. Int J Hematol Oncol Stem Cell Res. 2017 Jul 1;11(3):217-224.
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19. Ayatollahi H, Shajiei A, **Sadeghian MH**, Sheikhi M, Yazdandoust E, Ghazanfarpour M, Shams SF, Shakeri S. **Prognostic Importance of C-KIT Mutations in Core Binding Factor Acute Myeloid Leukemia: A Systematic Review**. Hematol Oncol Stem Cell Ther. 2017 Mar;10(1):1-7.
20. Rostami E, Ayatollahi H, Boustani H, Ghotaslou A, **Sadeghian MH**, Keramati MR, Zeinali E, Rad A. **Evaluation of PPP2R5C gene expression in Iranian patients with B-Acute lymphoblastic**

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osteocytes from human adipose and placental mesenchymal stem cells. Iran J Basic Med Sci 2015; 18(3): 259-66.

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30. Tabrizi ST, Gholampour M, Zarmehri AM, **Sadeghian MH**, Keramati MR. The Frequency and Risk Factors of Human T-cell Lymphotropic Virus Type I among Blood Donors in Khorasan-e Razavi, Iran, from 2002 to 2013. Niger Med J. 2020 May-Jun;61(3):151-155.
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33. Khajavi Rad A, Hajzadeh MAR, Rajaei Z, **Sadeghian MH**, Hashemi N, Keshavarzi Z. **Preventive effect of Cynodon dactylon against ethylene glycol-induced nephrolithiasis in male rats.** Avicenna J Phytomed 2011; 1(1): 14-23.

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35. Keramati MR, **Sadeghian MH**, Parizadeh MR, Maroozi F. **Association between the level of HbA1c & serum lipids profile in type 2 diabetic patients "Neonatal Research center, Mashhad University of Medical Sciences**. Med J Mashad Univ Med Sci 2008; 51(3): 159-164.
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37. Sharifi N, **Sadeghian MH**, Haghighi F, Shakeri MT. **Evaluation of steroid hormone receptors expression in nasopharyngeal angiofibroma**. The Iranian Journal of Otorhinolaryngology 2007;19(47): 33-39.
38. Sharifi-Systani N, **Sadeghian MH**, Homaei F, Haghighi F. **Immunohistochemical study of cell proliferation marker (Ki-67), estrogen, and progesterone receptors expression in breast carcinoma**. J Birjand Univ Med Sci 2006; 13(3): 38-44.
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<http://dx.doi.org/10.1155/2013/123297>.
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50. Ayatollahi H, Hasheminezhad M, Shojaiee A, **Sadeghian MH**, Yazdandoust E, Sheikhi M, Shakeri S, Shams SF. **Prognostic Value of BAALC Expression in Pediatric Acute Myeloid Leukemia: A Systematic Review**. Iran J Ped Hematol Oncol 2016; 6(2): 129-135.
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54. Ayatollahi H, Rafiee M, Keramati MR, Balali-Mood M, Asgharzadeh A, **Sadeghian MH**, Maryam Sheikhi, Nafiseh Amini. **Lack of FLT3-TKD835 Gene Mutation in Toxicity of Sulfur Mustard in Iranian Veterans**. Iranian Journal of Basic Medical Science Iran J Basic Med Sci 2015; 18(9): 862-6.
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papilloma virus 16/18 genotypes in patients with squamous cell carcinoma of cervix in northeast Iran. Niger Med J 2014; 55(6): 495-498.

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