



Marjan Yaghmaie

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Work: Oncology, Hematology &
Stem Cell trapy , Research institute
Shariati Hospital -Kargar Ave.
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Language

Farsi

English

Laboratory Skills

- Karyotyping
- FISH (PB, BM and paraffin embedded tissue)/Hematological malignancies and solid tumors
- Basic molecular biology laboratory skills
- Cell line, PB&BM Culture
- Creating hand-maded FISH probes by SIA technique
- Exom Sequencing
- Duplex sequencing
- CRISPR-Duplex sequencing
- Capillary Sequencing
- PCR, RT-PCR and Real-Time PCR
- Gene cloning
- Fragment Length Analysis

H-index: 19

G-index: 29

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Marjan Yaghmaie

Education

1998-2002

B.Sc in Biology

Department of Biology, Faculty of Science, Tehran University, Tehran, Iran

Grade point average: 18.36 (obtaining first grade)

2002-2004

M.Sc in Cell & Molecular Biology

Department of Biology, Faculty of Science, Tehran university, Tehran, Iran (2002-2004) Grade point average: 19:03(obtaining first grade)

Dissertation: Detection and quantification of MRD in CML patients after BMT by Nested & RQ-RT PCR

2006-2011

PhD in Medical Genetic

Faculty of Medical Sciences, Tarbiat Modarres University, Tehran, Iran Grade point average: 17:73(obtaining first grade)

Title of PhD Thesis: Identification of collaborating mutations in Acute Promyelocytic Leukemia

- Scholarship of München, Helmholtz zentrum and Tehran university of medical sciences for doing most parts of my PhD project that was carried out in Klinikum Grosshadern, Ludwig-Maximilians universität München, Helmholtz zentrum, under supervision of Prof Bohlander (Dec2010 to Sep 2011)

2018-2019

Sabbatical Leave in the USA, Visiting Research Scholar

Sabbatical leave in the USA, Visiting Research scholar at the Fred Hutchinson Cancer Research Center (Fred Hutch) and the Seattle Cancer Care Alliance under supervision of Prof Min Fang (Oct 10th 2018 to March 22th 2019): visiting the Molecular and Cytogenetics Laboratories of the Seattle Cancer Care Alliance (SCCA), University of Washington (UW) under the supervision of Prof Fang in order to become familiar with state-of-the-art technologies in the field of cancer diagnosis.. Becoming familiar with the Clinical Research Division of Fred Hutch including the Inpatient and Outpatient Hematopoietic Cell Transplantation (HCT)/Immunotherapy Services and the Long-Term Follow-up Group. I participated in morning patient rounds of the HCT Services under supervision of Prof Rainer Storb. I worked on a CLL research project with Dr Fang and an ovarian cancer project in Dr Rosana Risques' lab at Pathology department of UW and a project on MRD in AML with Prof Eli Estey at Fred Hutch.

Academic Appointments

Jan 2013-Oct 2018	Assistant Professor of Medical Genetic, Tehran University of Medical Sciences Hematology-Oncology and SCT Research Center Shariati Hospital.
Oct 2018-July 2024	Associated Professor of Medical Genetic, Tehran University of Medical Sciences Hematology-Oncology and SCT Research Center Shariati Hospital.
July2024-Present	Full Professor of Medical Genetic, Tehran University of Medical Sciences Oncology, Hematology and Cell Therapy Research Institute, Shariati Hospital

Administrative Positions

March 2013- Dec 2013	Deputy of Hematology and Oncology lab, Hematology, Oncology and Stem Cell Transplantation Research Center, Shariati Hospital, Tehran, Iran
Dec 2013-October2022	Head of Hematology and Oncology lab, Hematology, Oncology and Stem Cell Transplantation Research Center, Shariati Hospital, Tehran, Iran
Jan 2013-Present	Head of Cytogenetic lab of Hematology, Oncology and Stem Cell Transplantation Research Center, Shariati Hospital, Tehran, Iran
March 2017-April 2022	Responsible for international foreign affairs at Hematology, Oncology and Stem cell Transplantation Research Center, Tehran, Iran
June 2020- April 2021	Head of desk for international cooperation between Tehran University of Medical Sciences (TUMS) and higher education institutions and Iranian academics in North America
Apr 2021 – Present	Head, Leading House for Iran - North America Academic Partnerships
May 2021-April 2022	Director of Human Capacity Development at international affairs deputy of TUMS
July 2022- Present	Vice dean of international affairs at Shariati Hospital, Tehran University of Medical Sciences, Tehran, Iran

August 2022-May 2025	Vice Chancellor in research affairs at Oncology, Hematology and Cell Therapy research institute, Tehran, Iran
May2025-Present	Director of International Affairs and Strengthening Global Academic Partnerships at Tehran University of Medical Sciences
May2025-Present	Executive Secretary of the Ranking Committee of Tehran University of Medical Sciences
March2021-Present	Advisory board member of leading house for Iran-M8 Academic Partnership
November 2020-Present	Head and Founder of Dr Yaghmaie Medical Genetics Laboratory
November 2020-Present	Headquarter of Cegat company of Germany for advanced diagnostic tests in Iran(The first approval of ministry of health for sending biological samples for advanced technologies in Germany)

Other Work Experiences

- 1- Nine months work experience in Klinikum Grosshadern, Helmholtz Zentrum of Muenchen; Ludwig Maximilian University. Worked on two different research project as CO-PI under supervision of Prof Stefan Bohlander and Dr Philipp Greif which published in Leukemia journal.
- 2- Official elite employee of Sharitai hospital from 2006-till Dec 2013(work experience in cytogenetic and molecular diagnostic of leukemia, lymphoma and solid tumors and participation in different research projects as PI and CO-PI.
- 3- Teaching advanced laboratory skill courses, cancer genetics, molecular basis of cancer, advanced cancer cytogenetic and molecular aspects of cancer to MSc, PhD's and fellows from 2007 to present
- 4- Six months work experience at Fred Hutchinson Cancer Center as Research Scholar and sabbatical period in Molecular pathology and all the genetic diagnostic services

Supervisor of more than 60 thesis and more than 25 advisor of Master, PhD, Residency and fellowship student

Honors and Awards

- 1- First rank in B. Sc position among the biology students of Tehran University (2002)
- 2- First rank in M. Sc position among the cell & molecular biology students of Tehran University (2004)
- 3- Top rank in M. Sc entrance examination in cell & molecular biology, (Tehran university, Faculty of Science; 2002
- 4- First rank in PhD position among the Medical Genetics students of Tarbiat Modares University (2011)
- 5- Top rank in PhD Candidacy examination, (Tarbiat Modarres University, Faculty of Medical Science; 2008)
- 6- Best speaker and best paper in 2th Iranian Medical Genetics Congress, Imam Hospital, Tehran, Iran, 2011
- 7- Best speaker and best paper in 4th Congress of Hematology and Oncology, Mashad, Iran, 2005
- 8- Accepted as an elite employee in Tehran University of Medical Sciences (2006)
- 9- Four strong supportive letters from scientists at Fred Hutch and UW (Prof Rainer Storb, Prof Eli Estey, Prof Min Fang, Dr Rosana Risques)
- 10- Award of the best researcher at Hematology, Oncology and Stem cell transplantation research center,¹³⁹⁸
- 11- Elected as an elite of social responsibilities in health area by Tarbiat Modares University,¹³⁹⁹
- 12- Elected as the best professors of TUMS in the field of international affairs,¹⁴⁰²

Administrative Duties

- 1- Executive Secretary more than 20 national and international congresses, speakers, panelist and moderator.
- 2- Executive secretary more than 170 national and international congresses and webinars.

Books

- 1- Yaghmaie M., Ahmadvand M., Nejati Safa A., Pashaiefar H. (2017) Genetic, Hematologic and Psychological Aspects of Leukemia. In: Mehdipour P. (eds) Cancer Genetics and Psychotherapy. Springer, Cham
•DOI https://doi.org/10.1007/978-3-319-64550-6_14
•Publisher Name Springer, Cham
•Print ISBN 978-3-319-64548-3
•Online ISBN 978-3-319-64550-6
- 2- Thompson & Thompson Genetics in Medicine, Translation in Farsi(2021), Mashahd University of Medical Sciences
.Print ISBN: 978-600-369-176-6

Publications

1. **Yaghmaie,M.**, Mozdarani,H., Alimoghaddam,K., Ghaffari,SH., Ghavamzadeh,H. and Hajhashemi,M. Characterization of arsenic- induced cytogenetic alterations in acute promyelocytic leukemia cell line,NB4. Med Oncol. 2012 Jun;29(2):1209-16
2. Greif,PA., **Yaghmaie,M.**, Konstandin,NP., Ksienzyk,B., Alimoghaddam,K., Ghavamzadeh,A., Hauser,A., Graf,A., Krebs,S., Blum,H.,and Bohlander,SK. Somatic mutations in acute promyelocytic leukemia(APL) identified by exom sequencing. Leukemia. 2011 Sep;25(9):1519-22.
3. **Yaghmaie, M.**, Ghaffari, SH., Ghavamzadeh, A., Alimoghaddam, K., Jahani, M., Mousavi, SA., Irvani, M., Bahar, B. and Bibordi, I. Frequency of BCR-ABL fusion transcripts in Iranian patients with chronic myeloid,Arch Iran Med. 2008 May;11(3):247-51. doi: 08113/AIM.003.
4. Mirzania, M., Ghavamzadeh, A., **Yaghmaie, M.**, Sedighi, N., Kamalian, N., Alimoghaddam, K., Ghaffari, SH., Azimi, P.,and Chahardouli, B. Hepatocytes of donor origin in recipient liver after hematopoietic SCT in beta-thalassemia major patients. Bone Marrow Transplant, 2010 Apr;45(4):694-8.

5. **Yaghmaie, M.**, Alimoghaddam, K., Mozdarani,H., Ghavamzadeh, A., Hajhashemi,M.Aznab,M. and Ghaffari, SH. Evaluation of Cytogenetic changes and FLT3 mutations in patients with acute promyelocytic leukemia. International Journal of Hematology-Oncology and Stem Cell Research 2010. 4(3):26-33

6. **Yaghmaie, M.**,Gerayeli, N., Ghaffari, SH, Ghavamzadeh,A., and Tootian, SM. Some specific chromosomal aberrations of hematologic malignancies in 80 Iranian populations. IJHOSCR, 2009, 3(3):29-32

7. **Yaghmaie M**, Alimoghaddam K, Mozdarani H, Ghavamzadeh A, Hajhashemi M, Aznab M, Ghaffari SH. Cytogenetic and FMS-Like Tyrosine Kinase 3 Mutation Analyses in Acute Promyelocytic Leukemia Patients. Iran Biomed J. 2012 Jan;16(1):10-7

8. Greif PA, Dufour A, Konstandin NP, Ksienzyk B, Zellmeier E, Tizazu B, Sturm J, Benthaus T, Herold T, **Yaghmaie M**, Dörge P, Hopfner KP, Hauser A, Graf A, Krebs S, Blum H, Kakadia PM, Schneider S, Hoster E, Schneider F, Stanulla M, Braess J, Sauerland MC, Berdel WE, Büchner T, Woermann BJ, Hiddemann W, Spiekermann K, Bohlander SK. GATA2 zinc finger 1 mutations associated with biallelic CEBPA mutations define a unique genetic entity of acute myeloid leukemia. Blood. 2012 Jul 12;120(2):395-403. doi: 10.1182/blood-2012-01-403220. Epub 2012 May 30

9. Nourizadeh M, Masoumi F, Memarian A, Alimoghaddam K, Moazzeni SM, **Yaghmaie M**, Hadjati J. In vitro induction of potent tumor-specific cytotoxic T lymphocytes using TLR agonist-activated AML-DC. Target Oncol. 2014 Sep;9(3):225-37

10. Zekri AI, Ghaffari SH, Ghanizadeh-Vesali S, **Yaghmaie M**, Salmaninejad A, Alimoghaddam K, Modarressi MH, Ghavamzadeh A. AZD1152-HQPA induces growth arrest and apoptosis in androgen-dependent prostate cancer cell line (LNCaP) via producing aneuploid micronuclei and polyploidy. Tumour Biol. 2015 Feb;36(2):623-32.

11. Zekri A, Ghaffari SH, **Yaghmaie M**, Estiar MA, Alimoghaddam K, Modarressi MH, Ghavamzadeh A. Inhibitor of Aurora Kinase B Induces Differentially Cell Death and Polyploidy via DNA Damage Response Pathways in Neurological Malignancy: Shedding New Light on the Challenge of Resistance to AZD1152-HQPA. Mol Neurobiol. 2016 Apr;53(3):1808-1823

12. Momeny M, Ghasemi R, Valenti G, Miranda M, Zekri A, Zarrinrad G, Javadikooshesh S, **Yaghmaie M**, Alimoghaddam K, Ghavamzadeh A, Ghaffari SH. Effects of silibinin on growth and invasive properties of human ovarian carcinoma cells through suppression of heregulin/HER3 pathway. Tumour Biol. 2016 Mar;37(3):3913-23

13. Seyyedi SS, Soleimani M, **Yaghmaie M**, Ajami M, Ajami M, Pourbeyranvand S, Alimoghaddam K, Akrami. Deregulation of miR-1, miR486, and let-7a in cytogenetically normal acute myeloid leukemia: association with NPM1 and FLT3 mutation and clinical characteristics. Tumour Biol. 2016 Apr;37(4):4841-7.

14. Jalili M, Salehzadeh-Yazdi A, Asgari Y, Arab SS, **Yaghmaie M**, Ghavamzadeh A, Alimoghaddam K. CentiServer: A Comprehensive Resource, Web-Based Application and R Package for Centrality PLoS One. 2015 Nov 16;10(11):e0143111. doi: 10.1371/journal.pone.0143111. eCollection 2015. PMID:26571275

15. Azari-Yam A, Dabbagh Bagheri S, Tavakkoly-Bazzaz J, Bandehi Sarhaddi A, Rejali L, Alimoghaddam K, **Yaghmaie M**, Ghavamzadeh A, Zeinali S. NPM1 Mutation Detection in Acute Myeloid Leukemia: A Method Comparison Study. *Genet Test Mol Biomarkers*. 2016 Feb;20(2):63-6.
16. Vaezi M, Bahar B, Mousavi A, **Yaghmaie M**, Kasaeian A, Sourì M, Jahani M, Alimoghaddam K, Ghavamzadeh A. Comparison of 60 and 80 mg/m² of daunorubicin in induction therapy of acute myeloid leukaemia. *Hematol Oncol*. 2017 Mar;35(1):101-105
17. **Marjan Yaghmaie**, Hossein Mozdarani, Kamran Alimoghaddam, Ardeshtir Ghavamzadeh, Seyed Hamiollah Ghaffari. Evaluation of Cytogenetic Changes and FLT3 mutations in Patients with Acute Promyelocytic Leukemia. *International Journal of Hematology-Oncology and Stem Cell Research*. 2010 July;4(3):26-33
18. Farhad zaker, nahid nasiri, naser amirizadeh, Seyed Mohsen Razavi, **Marjan Yaghmaie**, Ladan Teimoori-Toolabi, Roya Mehrasa. Aberrant promoter methylation pattern of apoptotic gene APAF1 in myelodysplastic syndrome patients. *International Journal of Hematology-Oncology and Stem Cell Research* 2017. 11(2):114-120
19. Farhad Zaker, Naser Amirizadeh, Nahid Nasiri, Seyed Mohsen Razavi, Ladan Teimoori-Toolabi, **Marjan Yaghmaie**, Roya Mehrasa. Gene Expression and Methylation Pattern in HRK Apoptotic Gene in Myelodysplastic Syndrome. *International Journal of Molecular and Cellular Medicine* 2016;5(2):90
20. Aileen Azari-Yam, Javad Tavakkoly-Bazzaz, Yousef Semnani, Elham Davoudi-Dehaghani, Robabeh Ghodssi-Ghassemabadi, Soodeh Kianfar, Ameneh Saadat, Mahboobeh Masoudifard, **Marjan Yaghmaie**, Kamran Alimoghaddam, Ardeshtir Ghavamzadeh, Sirous Zeinali. FLT3 Gene Mutation Profile and Prognosis in Adult Acute Myeloid Leukemia. *Clinical laboratory*:2016,62(10):2011-2017
21. A.Ghavamzadeh, M.mirzania, **M. Yaghmaie**; Hepatocyte of donor origin in recipients liver after hematopoietic stem cell transplantation in beta-thalassemia major patients; *Blood* 2007,110(11): 4063-4063
22. **M Yaghmaie**, K Alimoghaddam, N Gerayeli, A Jalali, S Mousavi, M Jahani, M Iravani, B Bahar, A Ghavamzadeh, The prognostic value of cytogenetics in influencing the outcome of acute myeloid leukaemia after allogeneic stem cell transplantation 2012,47: S114-S114 Abstract
23. Mahdi Jalili, Ali Salehzadeh-Yazdi, Saeed Mohammadi, **Marjan Yaghmaie**, Ardeshtir Ghavamzadeh, and Kamran Alimoghaddam Meta-analysis of gene expression profiles in acute promyelocytic leukemia reveals involved pathways. *Int J Hematol Oncol Stem Cell Res*. 2017 Jan 1; 11(1): 1-12.
24. Majid Zaki dizaji; Nima Rezaei; **Marjan Yaghmaie**; Mehdi Yaseri; Seyed Javad Sayedi; Gholamreza Azizi; Asghar Aghamohammadi; Seyed Mohammad Akrami. Phospho-SMC1 in-cell ELISA based detection of ataxia telangiectasia. *International Journal of Pediatrics*. Volume 4, Issue 12, December 2016, Page 3957-3967

25. Mahdi Jalili, Ali Salehzadeh-Yazdi, Shailendra Gupta, Olaf Wolkenhauer, **Marjan Yaghmaie**, Osbaldo Resendis-Antonio, Kamran Alimoghaddam, Evolution of centrality measurements for the detection of essential proteins in biological networks. *Front Physiol.* 2016; 7: 375.
26. Jalili M, Salehzadeh-Yazdi A, **Yaghmaie M**, Ghavamzadeh A, Alimoghaddam K. Cancerome: A hidden informative subnetwork of the diseasome. *Comput Biol Med.* 2016 Sep 1;76:173-7
27. Zaker F, Nasiri N, Amirizadeh N, Razavi SM, **Yaghmaie M**, Teimoori-Toolabi L, Maleki A, Bakhshayesh Aberrant Methylation-Mediated Suppression of APAF1 in Myelodysplastic Syndrome. *Int J Hematol Oncol Stem Cell Res.* 2017 Apr 1; 11(2):114-120.
28. **Marjan Yaghmaie**, Nasim Valizadeh. A case of CML-like Disease with t(8;22)(q24;q11). *IJBC* 2017; 9(3): 97-98
29. Ardeshir Ghavamzadeh, Masoud Sotoudeh, Amir Pejman Hashemi Taheri, Kamran Alimoghaddam, Hossein Pashaiefar, Mahdi Jalili, Farhad Shahi, Mohammad Jahani, **Marjan Yaghmaie**. Liver fibrosis alleviation after co-transplantation of hematopoietic stem cells with mesenchymal stem cells in patients with thalassemia major. *Annals of Hematology. Ann Hematol.* 2017 Nov 17. doi: 10.1007/s00277-017-3181-9 Corresponding Author
30. Hossein Pashaiefar , **Marjan Yaghmaie** , Javad Tavakkolybazzaz , Seyed Hamidollah Ghafari , Kamran Alimoghaddam , Pantea Izadi , Ardeshir Ghavamzadeh. The Association between Expression Levels of PARP1 and LIG3 Genes and Chromosomal Translocations in AML Patients. *Cell Journal*, Volume 20, Number 2, Summer 2018, Serial Number: 78. Corresponding Author
31. Mahdi Jalili, **Marjan Yaghmaie**, Mohammad Ahmadvand, Kamran Alimoghaddam, Seyed Asadollah Mousavi, Mohammad Vaezi, Ardeshir Ghavamzadeh. Prognostic value of RUNX1 mutations in AML: A meta-analysis. *Asian Pac J Cancer Prev.* 2018 Feb 26;19(2):325-329.
32. Momeny M, Sabourinejad Z, Zarrinrad G, Moghaddaskho F, Eyvani H, Yousefi H, Mirshahvaladi S, Poursani EM, Barghi F, Poursheikhani A, Dardaei L, Bashash D, Ghazi-Khansari M, Tavangar SM, Dehpour AR, **Yaghmaie M**, Alimoghaddam K, Ghavamzadeh A, Ghaffari SH. Anti-tumour activity of tivozanib, a pan-inhibitor of VEGF receptors, in therapy-resistant ovarian carcinoma cells. *Sci Rep.* 2017 Apr 6;7:45954. doi: 10.1038/srep45954.
33. Farhad Shahi; Razieh Alishahi; Hossein Pashaiefar; Isa Jahanzad; Naser Kamalian; Ardeshir Ghavamzadeh; **Marjan Yaghmaie**. Differentiating and Categorizing of Liposarcoma and Synovial Sarcoma Neoplasms by Fluorescence in Situ Hybridization. *Iranian Journal of Pathology.* 2017, 12(3):209-217

34. Mohammad Ahmadvand, Seyed Asadollah Mousavi, Nazanin Gerayeli, Marzieh Izadifard, Bahram Chahardouli, Ardeshtir Ghavamzadeh, **Marjan Yaghmaie**, Chronic lymphocytic leukemia with acquired t(11;14)(p15;q32): A case report and literature review. Acta Medica Iranica, Accepted

35. Ardeshtir Ghavamzadeh, Mahdi Jalili, Sharbanoo Rostami, **Marjan Yaghmaie**, Leyla Sharifi Aliabadi, Seyed Asadollah Mousavi, Mohammad Vaezi, Hossein Kamranzadeh Fumani, Mohammad Jahani, Kamran Alimoghaddam. Comparison of induction therapy in non-high risk acute promyelocytic leukemia with arsenic trioxide or in combination with ATRA. Leukemia Research 66 (2018) 85–88

36. Ahmadvand M, Eskandari M, Pashaiefar H, **Yaghmaie M**, Manoochehrabadi S, Khakpour G, Sheikhsaran F, Montazer Zohour M. Over expression of circulating miR-155 predicts prognosis in diffuse large B-cell lymphoma. Leukemia Research, 2018 May 21;70:45-48.

37. Akram Mirzaei, Saeed Mohammadi, Seyed H Ghaffari, **Marjan Yaghmaie**, Mohammad Vaezi, Kamran Alimoghaddam, Ardeshtir Ghavamzadeh. Osteopontin b and c Splice isoforms in Leukemias and Solid Tumors: Angiogenesis Alongside Chemoresistance. Asian Pacific Journal of Cancer Prevention Asian Pac J Cancer Prev. 2018 Mar 27;19(3):615-623. Review.

38. Pashaiefar H, Izadifard M, **Yaghmaie M**, Montazeri M, Gheisari E, Ahmadvand M, Momeny M, Ghaffari SH, Kasaeian A, Alimoghaddam K, Ghavamzadeh A. Low Expression of Long Noncoding RNA IRAIN Is Associated with Poor Prognosis in Non-M3 Acute Myeloid Leukemia Patients. Genet Test Mol Biomarkers. 2018 May;22(5):288-294. Corresponding Author

39. Pashaiefar H, **Yaghmaie M**, Tavakkoly-Bazzaz J, Ghaffari SH, Alimoghaddam K, Momeny M, Izadi P, Izadifard M, Kasaeian A, Ghavamzadeh A. PARP-1 Overexpression as an Independent Prognostic Factor in Adult Non-M3 Acute Myeloid Leukemia. Genet Test Mol Biomarkers. 2018 Jun;22(6):343-349. doi: 10.1089/gtmb.2018.0085. Epub 2018 May 29.

40. Izadifard M, Pashaiefar H, **Yaghmaie M**, Montazeri M, Sadraie M, Momeny M, Jalili M, Ahmadvand M, Ghaffari SH, Mohammadi S, Alimoghaddam K, Ghavamzadeh A. Expression Analysis of PVT1, CCDC26, and CCAT1 Long Noncoding RNAs in Acute Myeloid Leukemia Patients. Corresponding Author

41. Ahmadi A, Kaviani S, **Yaghmaie M**, Pashaiefar H, Ahmadvand M, Jalili M, Alimoghaddam K, Eslamijouybari M, Ghavamzadeh A. Altered expression of MALAT1 lncRNA in chronic lymphocytic leukemia patients, correlation with cytogenetic findings. Blood Res. 2018 Dec;53(4):320-324. doi: 10.5045/br.2018.53.4.320. Epub 2018 Dec 17.

42. Ahmadvand M, Eskandari M, Khakpour G, Pashaiefar H, Manoochehrabadi S, **Yaghmaie M**, Montazer-Zohour M, Naghavi A. Identification of MiR-125a as a Novel Plasma Diagnostic Biomarker for Chronic Lymphoblastic Leukemia. Clin Lab. 2019 Mar 1;65(3). doi: 10.7754/Clin.Lab.2018.180815.

43. Aghamohammadi A, Akrami SM, **Yaghmaie M**, Rezaei N, Azizi G, Yaseri M, Nosrati H, Zaki-Dizaji M. Individual Radiosensitivity Assessment of the Families of Ataxia-Telangiectasia Patients by G2-Checkpoint Abrogation. Sultan Qaboos Univ Med J. 2018 Nov;**18**(4):e440-e446. doi: 10.18295/squmj.2018.18.04.003. Epub 2019 Mar 28.

44. Shaban Alizadeh, Akbar Dorgalaleh, Ali Noroozi-Aghideh, Zahra Kashanikhatib, Majid Naderi, **Marjan Yaghmaie**, Mahdi Paryan. Expression and CpG Island Methylation Pattern of MMP-2 and MMP-9 Genes in patients with Factor XIII Deficiency and Intracranial Hemorrhage, Hematology, accepted on 27 Jul 2019

45. Constanze Buhrmann, Mina Yazdia, Ali Bashiri Dezfouli, Fazel Samani, Sahraneshind Seyed Morteza Ebrahimi, Seyed Hamidollah Ghaffari, **Marjan Yaghmaie**, Abbas Barin, Mehdi Shakibaei, Parviz Shayan. Significant decrease in the viability and tumor stem cell marker expression in tumor cell lines treated with curcumin. Journal of Herbal Medicine. Accepted 27 January 2020

46. T. Nayeibagher, H. Pashaiefar, **M. Yaghmaie**, K. Alimoghadam, M. Jalili, M. Esfandbod, M. Saberian, H. Behroozi, M. Izadifard, A. Ghavamzadeh. Chromosomal aberrations in ascetic fluid of metastatic gastric cancer patients: A clustering analysis. NEOPLASMA, ahead of print 190202N105

47. Fatemeh Nevisi , **Marjan Yaghmaie** , Hossein Pashaiefar , Kamran Alimoghaddam , Masoud Iravani , Gholamreza Javadi , Ardeshir Ghavamzadeh Correlation of HER2, MDM2, c-MYC, c-MET, and TP53 copy number alterations in circulating tumor cells with tissue in gastric cancer patients: A pilot study. Iranian Biomedical Journal, 24(1), pp. 47-53, 2020

48. Jamshid Motaei, **Marjan Yaghmaie**, Hossein Pashaiefar, Seyed Asadollah Mousavi, Ardeshir Ghavamzadeh, Mohammad Ahmadvand & Mohammad Amin Kerachian, Differential microRNAs expression in acute graft-versus-host disease as potential diagnostic biomarkers. Bone Marrow Transplantation Published: 13 May 2020

49. Mohammad Jafar Sharifi, Farhad Zaker, Nahid Nasiri and **Marjan Yaghmaie**. Epigenetic changes in FOXO3 and CHEK2 genes and their correlation with clinicopathological findings in myelodysplastic syndromes. Hematology/ Oncology and Stem Cell Therapy, 2020

50. Fard, S.S., Sotoudeh, M., Saliminejad, K., Yazdanbod, M., Mahmoodzadeh, H., Kouchaki, S. **Yaghmaie, M.**, Mousavi, S.A. Malekzadeh, R. Alimoghaddam, K. Investigation of the correlation between androgen receptor and ZEB1 and its value in progression of gastric cancer, Ghaffari, S.H. Avicenna Journal of Medical Biotechnology. Volume 12, Issue 1, January-March 2020, Pages 52-60

51. Saliminejad, K., Fard, S.S., Khorshid, H.R.K., **Yaghmaie, M.** Mahmoodzadeh, H., Mousavi, S.A., Ghaffari, S.H. Methylation analysis of p16, rassf1a, rprm, and runx3 in circulating cell-free dna for detection of gastric cancer: A validation study. Avicenna Journal of Medical Biotechnology. Volume 12, Issue 2, April-June 2020, Pages 99-106

52. Nayeibbagher, T., Pashaiefar, H., **Yaghmaie, M.** Alimoghaddam, K., Jalili, M. Esfandbod, M., Saberian, M. Behroozi, H., Izadifard, M., Ghavamzadeh, A. Chromosomal aberrations in ascetic fluid of metastatic gastric cancer patients: A clustering analysis. *Neoplasma*, Volume 67, Issue 1, 2020, Pages 185-192

53. Nevisi, F., **Yaghmaie, M.**, Pashaiefar, H., Alimoghaddam, K., Iravani, M., Javadi, G., Ghavamzadeh, A. Evaluation of HER2, MDM2, MYC, MET and TP53 gene copy number alterations in gastric cancer patients. *Tehran University Medical Journal*. Volume 77, Issue 11, 2020, Pages 678-684

54. **Yaghmaie, M.**, Yeung, C.C. Molecular Mechanisms of Resistance to Tyrosine Kinase Inhibitors *Current Hematologic Malignancy Reports* 2019, 14(5), pp. 395-404

55. Jamshid Motaei, **Marjan Yaghmaie**, Mohammad Ahmadvand, Hossein Pashaiefar, Mohammad AminKerachian .MicroRNAs as Potential Diagnostic, Prognostic, and Predictive Biomarkers for Acute Graft-versus-Host Disease. *Biology of Blood and Marrow Transplantation*. Volume 25, Issue 12, December 2019, Pages e375-e386

56. Fard, S.S., Sotoudeh, M., Yazdanbod, M., Ghavamzadeh, A., Malekzadeh, R., **Yaghmaie, M.**, Mousavi, S.A., Ghaffari, S.H., Alimoghaddam, K. Evaluation of the association between androgen receptor and aurka and its prognostic value in gastric cancer. *International Journal of Hematology-Oncology and Stem Cell Research*, Vol 13, Issue 4, 1 October 2019, Pages 174-182

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Certificates from University of Washington

1. GCP – Social and Behavioral Research Best Practices for Clinical Research (Curriculum Group)
2. GCP – Social and Behavioral Research Best Practices for Clinical Research (Course Learner Group)
3. CITI Health Information Privacy and Security (HIPS) (Curriculum Group)
4. CITI Health Information Privacy and Security (HIPS) for Clinical Investigators (Course Learner Group)
5. Online General Asbestos Awareness
6. Online Biosafety Training
7. Online Blood borne Pathogens for Researchers
8. Online Fume Hood Safety Training
9. Online Managing Laboratory Chemicals
10. Laboratory Safety Compliance
11. Basics of Health Privacy (ID: 1417) 08-Nov-2018 5/5 (100%)
12. Health Privacy Issues for Researchers (ID: 1419) 08-Nov-2018 4/5 (80%)
13. Basics of Information Security, Part 1 (ID: 1423) 09-Nov-2018 4/5 (80%)
14. Basics of Information Security, Part 2 (ID: 1424) 09-Nov-2018 5/5 (100%)
15. Protecting Your Computer (ID: 1425) 09-Nov-2018 5/5 (100%)
16. Picking and Protecting Passwords (ID: 1449) 09-Nov-2018 4/5 (80%)
17. Protecting Your Portable Devices (ID: 1427) 09-Nov-2018 4/5 (80%)
18. Protecting Your Identity (ID: 1428) 09-Nov-2018 5/5 (100%)
19. Safer Emailing and Messaging, Part 1 (ID: 1429) 09-Nov-2018 5/5 (100%)
20. Safer Emailing and Messaging, Part 2 (ID: 1430) 09-Nov-2018 5/5 (100%)
21. Safer Web Surfing (ID: 1431) 09-Nov-2018 5/5 (100%)
22. Security for Work/Workers Off-Site (ID: 1433) 09-Nov-2018 4/4 (100%)
23. Module 1 - Introduction (ID: 17531) 13-Nov-2018 5/5 (100%)
24. Module 2 - Research Protocol (ID: 17532) 13-Nov-2018 5/5 (100%)
25. Module 3 - Recruitment and Retention (ID: 17533) 13-Nov-2018 5/5 (100%)
26. Module 4 - Informed Consent Communication (ID: 17534) 13-Nov-2018 5/5 (100%)
27. Module 5 - Privacy and Confidentiality (ID: 17535) 13-Nov-2018 5/5 (100%)
28. Module 6 - Participant Safety and Adverse Event Reporting (ID: 17536) 13-Nov-2018 5/5 (100%)
29. Module 7 - Quality Control and Assurance (ID: 17537) 13-Nov-2018 5/5 (100%)
30. Module 8 - Research Misconduct (ID: 17538) 13-Nov-2018 5/5 (100%)
31. Module 9 - Conclusion (ID: 17539) 13-Nov-2018 No Quiz

Research Projects (ongoing and finished)

Seventy-two Research projects as PI, CPI, HSR, and industry-related technological projects

Membership of Scientific Association

1. Member of Eastern Mediterranean Bone marrow transplantation (2012-Present)
2. Member of Iranian Society of Hematology-Oncology (2011-Present)
3. Member of Iranian society of Hematopoietic stem cell transplantation(2011-Present)
4. Member of Iranian society of Genetic (2010-Present)
5. Member of Iranian society of Medical Genetic (2013-Present)
6. Executive Committee Member of Asian pacific and bone marrow transplantation society(2017-Present)
7. Member of Iranian Medical Genetic Society(2013-Present)
8. Scientific Committee Member of Eastern Mediterranean Blood and Marrow Transplantation Group (EMBT)

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