



CURRICULUM VITAE

Nahid Nasiri Ghiri, Ph. D

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Current Appointment

Assistant Professor of Laboratory Hematology and Blood Banking, School of Paramedical Sciences, Shiraz University of Medical Sciences

Joint appointment in Diagnostic Laboratory Sciences and Technology Research Center, School of Paramedical Sciences, Shiraz University of Medical Sciences

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Personals

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Qualifications and Trainings

Ph.D. in Laboratory Hematology and Blood Banking, School of Medicine, Iran University of Medical Sciences, Tehran, Iran, 2010 – 2016

M.Sc. in Laboratory Hematology and Blood Banking, School of allied Medicine, Tehran University of Medical Sciences, Tehran, Iran, 2008 – 2010

B.Sc. in Laboratory Science, School of Paramedical Sciences, Shiraz University of Medical Sciences, Shiraz, Iran, 2005-2007

A.D. in Laboratory Sciences, Bushehr University of Medical Sciences, Bushehr, Iran, 2003-2005

Fellowships

E-learning fellowship, Shiraz University of Medical Sciences, Shiraz, Iran. 2019

Medical education fellowship, Shiraz University of Medical Sciences, Shiraz, Iran. 2019

Honors and Awards

Ranking number one in National M.Sc. entrance exam of Hematology, Tehran, Iran. 2008

First rank promoted in PhD written entrance-exam in Hematology and Blood Banking, 2010

Teaching Experiences

- Teaching Hematology to the MSc students of Laboratory Hematology and Blood Banking, Shiraz university of Medical sciences, Shiraz, Iran, 2018-now
- Teaching Immunohematology to the MSc students of Laboratory Hematology and Blood Banking, Shiraz university of Medical sciences, Shiraz, Iran, 2018-now
- Teaching Hematology to the BSc students of Clinical laboratory sciences, Shiraz university of Medical sciences, Shiraz, Iran, 2018-now
- Teaching Immunohematology to the BSc students of Clinical laboratory sciences, Shiraz university of Medical sciences, Shiraz, Iran, 2018-now
- Teaching Hematology to the Ph.D. students of Parasitology, Shiraz university of Medical sciences, Shiraz, Iran, 2018-now
- Teaching Hematology and Blood Banking to the BSc students of Operating Room, Shiraz university of Medical sciences, Shiraz, Iran, 2018-now
- Teaching Hematology and Blood Banking to the BSc students of Anesthesiology, Shiraz university of Medical sciences, Shiraz, Iran, 2018-now

Paper Publications

- Ali Samadikuchaksaraei, Nahid Nasiri, Mohammad Jafar Sharifi, Narendra Pal Singh Chauhan, Behrouz Farhadhosseinabadi, Sina Fatemi Sovini, et al. Intravenous Administration of Granulocyte-Colony Stimulating Factor for Stem Cells Mobilization and Third Degree Burn Wound Healing in Rats. *J Appl Biotechnol Rep.* 2019;6(3): 83-87.
- Farhad Zaker, Mohammad Jafar Sharifi, Nahid Nasiri*, Marjan Yaghmaie, Soodeh Namjoo. Myeloid Cell Leukemia-1 Gene Expression and Clinicopathological. *IJML.* 2019;6(1):43-50.
- Shahrbanoo Rostami, Fatemeh Nadali, Reza Alibakhshi, Farhad Zaker, Nahid Nasiri, Mehrdad Payandeh, et al. Aberrant Methylation of APAF-1 Gene in Acute Myeloid Leukemia Patients. *Int J Hematol Oncol Stem Cell Res.* 2017; 11(3): 225–230.
- Farhad Zaker, Naser Amirizadeh, Nahid Nasiri*, Seyed Mohsen Razavi, Ladan Teimoori-Toolabi, Marjan Yaghmaie, Roya Mehras, Gene Expression and Methylation Pattern in HRK Apoptotic Gene in Myelodysplastic Syndrome. *IJMCM.* 2016; 5(2):90-9.
- 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. *Int J Hematol Oncol Stem Cell Res.* 2017;11(2):114-120.
- Mohammad Hossein Ahmadi, Sedigheh Hantuoshzadeh, Mohammad Ali Okhovat, Nahid Nasiri, Azita Azarkeivan, Naser Amirizadeh. Fetal RHD Genotyping from Circulating Cell-Free Fetal DNA in Plasma of Rh Negative Pregnant Women in Iran. *Indian Journal of Hematology and Blood Transfusion.* 2016;32(4):447-453.
- Nasiri Nahid, Shaikhy Maryam, Zaker Farhad, Soudabeh Hosseini, Seyed Akbar Moosavi, Abdol Jalal, Marjani. Detection and Biological Characteristic of FLT3 Gene Mutations in Children with Acute Leukemia. *Archives of Iranian Medicine,* 2014;17(4):258-61.
- Alizadeh S, Bavarsad MS, Dorgalaleh A, Khatib ZK, Dargahi H, Nassiri N, et al. Frequency of β -Thalassemia or β Hemoglobinopathy Carriers Simultaneously Affected with α -Thalassemia in Iran. *Clin. Lab.* 2014; 60 (6):941-949.
- Zaker F, Nasiri N, Oodi A, Amirizadeh N. Evaluation of Umbilical Cord Blood CD34⁺ Hematopoietic Stem Cell Expansion in Co-culture with BM Mesenchymal Stem Cells in Presence of TEPA. *Hematology.* 2012; 18(1):39-45.
- Farhad Zaker, Akram Safaei, Nahid Nasiri, Maryam Abdollahzadeh, Vahid Pazhakh. The Association of NAD (P) H: quinone Oxidoreductase Gene Polymorphisms with Pediatric Acute Lymphoblastic Leukemia. *Lab Medicine,* 2012; 43(6): 256-261.
- Ranjbaran R, Abolghasemi H, Nasiri N, Oodi A, Nikougoftar M, Amani M, et al. Expansion of CD34⁺ umbilical cord blood in 3 dimensional culture media on mesenchymal stem cell coated scaffold. *Sci J Iran Blood Transfus Organ* 2012; *Stem Cell Supp.* 9(3): 177-185.

International Congresses

- Epigenetic changes in FOXO3 and CHEK2 are associated with poor clinicopathological findings in MDS. The 12th International & 17th National Congress on Quality Improvement in Clinical Laboratories. 2019.
- Cord blood hematopoietic stem cell expansion in co-culture with mesenchymal stem cells and copper chelator. 21st Regional Congress of the ISBT, Europe - Lisbon, Portugal, 18-22 June 2011. Vox Sanguinis.
- The effect of TEPA on expansion of umbilical cord blood CD34⁺ hematopoietic stem cells in culture medium in presence of BM-mesenchymal stem cells. 41st Annual Scientific Meeting, ISEH, 23-26 August 2012, Amsterdam. Experimental Hematology.
- The effect of pharmacological mobilization of mesenchymal stem cells in treatment of skin burn injuries in an animal model. Vox Sanguinis 103(Suppl. s1):269-270 · January 2012.

Books

Maleki A, Fatemi A, **Nasiri N**: Henry's Clinical Diagnosis and Management by Laboratory Methods (translation into Farsi), 2017 (ISBN: 978-964-987-682-5)

Nasiri N, Sharifi MJ: Hematology and blood banking (in Farsi), 2012 (ISBN: 978-600-200-125-2)

Maleki A, Fatemi A, **Nasiri N**, Edalati M: Hoffbrand's Essential Haematology (translation into Farsi), 2011 (ISBN: 978-964-987-456-2)

Maleki A, Fatemi A, **Nasiri N**: Henry's Clinical Diagnosis and Management by Laboratory Methods (translation into Farsi), 2011 (ISBN: 978-964-987-342-8)

Sharifi MJ, Savardashtaki A, Asgari M, **Nasiri N**: Essential Cell Biology, by Bruce Alberts (translation into Farsi), 2010 (978-600-155-020-1, 978-600-155-021-8)

Nasiri N, Soltanpour MS: Hematology question bank (in Farsi), 2009 (ISBN: 978-600-5173-17-8)

Ongoing Researches

- Evaluation of TLR4, TLR2, IRAK4 (L isoform), ASC, Caspase1 and NLRP3 genes expression as a diagnostic biomarker in subjects who's suspected with MDS
- Association of CEP72 (rs924607) inherited genetic variant with vincristine induced peripheral neuropathy in children with acute lymphoblastic leukemia
- Evaluation of EMCN expression on mobilized peripheral blood hematopoietic stems cells as a predictor of engraftment and hematology recovery in BMT transplanted patients with hematologic neoplasms.

Experimental Skills

- Extraction and purification of DNA and RNA
- PCR and PCR-based analysis (PCR, RT-PCR, Quantitative Real-time PCR)

- High resolution melting(HRM) analysis
- Primer design for PCR, Real-time PCR and HRM analysis
- Cell sorting (MACS)
- Cell culture
- Hematopoietic stem cell expansion and CFU assay
- Familiar with laboratory animals

Scientific Fields of Interest

- Molecular Hematology
- Leukemia
- Hematopoietic stem cell transplantation
- Thalassemia
- Hematopoietic stem cell expansion