

Curriculum Vitae

Last update: January 01, 2020

EDUCATION

A.Sc. in Medical Laboratory Sciences (2005-2008). School of Paramedical Sciences, Kurdistan University of Medical Sciences, Sanandaj, Iran.

B.Sc. in Medical Laboratory Sciences (2009-2011). School of Paramedical Sciences, Tabriz University of Medical Sciences, Tabriz, Iran.

M.Sc. in Experimental Hematology and Blood Transfusion (2012-2015). School of Medicine, Tabriz University of Medical Sciences, Tabriz, Iran.

PROJECTS

MASTER'S THESIS, 2013-2015

Title: Evaluation of Resveratrol and Prednisolone Effects on Mir 15a and Mir 16-1 Expression and Apoptosis in CCRF-CEM Cell Line

Supervisor: Dr. Majid Farshdousti Hagh

Grade: 19.77/20

Location: Drug Applied Research Center, Tabriz University of Medical Sciences

GRADUATE RESEARCH PROJECT, 2016-2017

Title: Evaluation of Bax and Bcl-2 gene Expression and Apoptosis in Prednisolone treated Acute Lymphoblastic Leukemia cell line: CCRF-CEM

Project Leader: Ako Azimi

Location: Drug Applied Research Center, Tabriz University of Medical Sciences

GRADUATE RESEARCH PROJECT, 2016-2017

Title: Evaluation of Bax and Bcl-2 gene Expression and Apoptosis in Resveratrol treated Acute Lymphoblastic Leukemia cell line: CCRF-CEM

Project Leader: Ako Azimi

Location: Drug Applied Research Center, Tabriz University of Medical Sciences

RESEARCH PROJECT, 2016-2017

Title: Silencing of P53r2 Gene Expression by Specific siRNA and Evaluation of Apoptotic effect in Present of Doxorubicin in HepG2 cells

Project Leader: Ako Azimi

Location: Drug Applied Research Center, Tabriz University of Medical Sciences

GRADUATE RESEARCH PROJECT, 2019

Title: Evaluation of prednisolone effects on BAX and BCL-2 methylation in chemoresistant acute lymphoblastic leukemia cell line: CCRF-CEM

Project Leader: Ako Azimi

Location: Drug Applied Research Center, Tabriz University of Medical Sciences

AKO AZIMI



PERSONAL INFORMATION

First Name: AKO

Last Name: AZIMI

Birthplace: Baneh, Kurdistan, Iran

Birth date: July 10 1986

Nationality: Iranian

Marital Status: Married

Mobile: 0098-9188735916

Email: ako.azimi@gmail.com

Address: Tavanir St, Tabriz, East Azerbaijan province, Iran

RESEARCH INFORMATION

Web of science researcher ID

[H-8029-2016](#)

Orcid ID

<https://orcid.org/0000-0003-0962-818X>

Google Scholar

<https://scholar.google.com/citations?user=Fh13RcAAAAAJ&hl=en>

h-index: 7

LANGUAGES

Kurdish

Persian

English

Azerbaijani

TEACHING AND WORKING EXPERIENCES

Working Experiences

- Faculty member of Maragheh University of Medical Sciences since 2016
- Member of the Research Council of University
- Deputy of Faculty Affairs since 2017
- Administrator of Shahid Mottahari Educational Congress/ Medical Education Development Center (EDC)
- Member of the accreditation Committee of University (2016- 2017)
- Advisory board Membership/ Journal of Complementary Medicine Research/ since 2016
- Reviewing some ISI (wos) journals like Scientific Reports, Tumor Biology, JCMR, Journal of Cellular Physiology ...

Teaching Experiences

- Hematology 1/ Erythrocyte: Bachelor's degree /Medical laboratory science syllabus since 2016
- Hematology 2/ Leukocyte and Platelet: Bachelor's degree Medical laboratory science syllabus since 2016
- Immunology/ Bachelor's degree / Medical laboratory science and operation room technician syllabus since 2017
- Genetic and Immunology: Bachelor's degree / Nursing syllabus since 2017
- Hematology and Immuno-hematology: Bachelor's degree / operation room technician syllabus since 2016

ACHIEVEMENT AND REWARD

- Ranked 31st, in Experimental Hematology and blood banking entrance exam competition among all students competing for MSc.
- Engaged as a Faculty Member at MRGUMS since 2016
- Selected as top three researchers of the university 2017

PUBLICATIONS

- Talebi M, Bahar Aghdam S, **Azimi A**, Mohammadi H, Karimi Yonjali S, Asariha M, Zadi Heydarabad M. Regulatory Effect of Resveratrol and Prednisolone on MDR1 Protein Expression in Acute Lymphoblastic Leukemia Cell Line (CCRF-CEM). *Asian Pacific journal of cancer prevention*. 2019 Apr 29; 20(4):1171-6.
- Zadi Heydarabad M, Baharaghdam S, **Azimi A**, Mohammadi H, Eivazi Ziaei J, Yazdanpanah B, Zak MS, Farahani ME, Dohrabpour A, Partash N, Talebi M. The role of tumor suppressor of resveratrol and

prednisolone by downregulation of YKL-40 expression in CCRF-CEM cell line. *Journal of cellular biochemistry*. 2019 Mar; 120(3):3773-9.

- Pouyafar A, Zadi Heydarabad M, Aghdam SB, Khaksar M, **Azimi A**, Rahbarghazi R, Talebi M. Resveratrol potentially increased the tumoricidal effect of doxorubicin on SKOV3 cancer stem cells in vitro. *Journal of cellular biochemistry*. 2019 Jan 4.
- Zadi Heydarabad M, Vatanmakanian M, Abdolalizadeh J, Mohammadi H, **Azimi A**, Mousavi Ardehaie R, Movasaghpour A, Farshdousti Hagh M. Apoptotic effect of resveratrol on human T-ALL cell line CCRF-CEM is unlikely exerted through alteration of BAX and BCL2 promoter methylation. *Journal of cellular biochemistry*. 2018 Dec;119(12):10033-40.
- Azizi H, Mirzaeei H, Nasiri AA, Bazi A, Mirzapour A, Khatami M, Nahavandi KH, **Azimi A**, Yaghoobi H. Naltrexone; as an efficient adjuvant in induction of Th1 immunity and protection against *Fasciola hepatica* infection. *Experimental parasitology*. 2018 Jun 1;189:66-71.
- Zadi Heydarabad M, Nikasa M, Vatanmakanian M, **Azimi A**, Farshdousti Hagh M. Regulatory effect of resveratrol and prednisolone on MDR1 gene expression in acute lymphoblastic leukemia cell line (CCRF-CEM): An epigenetic perspective. *Journal of cellular biochemistry*. 2018 Jun;119(6):4890-6.
- Khanzadeh T, Hagh MF, Talebi M, Yousefi B, **Azimi A**, Baradaran B. Investigation of BAX and BCL2 expression and apoptosis in a resveratrol-and prednisolone-treated human T-ALL cell line, CCRF-CEM. *Blood research*. 2018 Mar 1;53(1):53-60.
- **Azimi A**, Majidinia M, Shafiei-Irannejad V, Jahanban-Esfahlan R, Ahmadi Y, Karimian A, mostafa Mir S, Karami H, Yousefi B. Suppression of p53R2 gene expression with specific siRNA sensitizes HepG2 cells to doxorubicin. *Gene*. 2018 Feb 5;642:249-55.
- Ghasemi A, Khanzadeh T, Heydarabad MZ, Khorrami A, Esfahlan AJ, Ghavipankeh S, Belverdi MG, Fikouhi SD, Darbin A, Najafpour M, **Azimi A**. Evaluation of BAX and BCL-2 Gene Expression and

Apoptosis Induction in Acute Lymphoblastic Leukemia Cell Line CCRF-CEM after High-Dose Prednisolone Treatment. *Asian Pacific journal of cancer prevention*. 2018;19(8):2319.

- Yousefi B, **Azimi A**, Majidinia M, Shafiei-Irannejad V, Badalzadeh R, Baradaran B, Zarghami N, Samadi N. Balaglitazone reverses P-glycoprotein-mediated multidrug resistance via upregulation of PTEN in a PPAR γ -dependent manner in leukemia cells. *Tumor Biology*. 2017 Sep;39(10):1010428317716501.

- Badalzadeh R, **Azimi A**, Alihemmati A, Yousefi B. Chronic type-I diabetes could not impede the anti-inflammatory and anti-apoptotic effects of combined postconditioning with ischemia and cyclosporine A in myocardial reperfusion injury. *Journal of physiology and biochemistry*. 2017 Feb 1; 73(1):111-20.

- **Azimi A**, Hagh MF, Yousefi B, Rahnema MA, Khorrami A, Heydarabad MZ, Najafpour M, Hallajzadeh J, Ghahremani A. The effect of prednisolone on miR 15a and miR16-1 expression levels and apoptosis in acute lymphoblastic leukemia cell line: CCRF-CEM. *Drug research*. 2016 Aug;66(08):432-5.

- Yousefi B, Shafiei-Irannejad V, **Azimi A**, Samadi N, Zarghami N. PPAR-gamma in overcoming kinase resistance in chronic myeloid leukemia. *Cellular and Molecular Biology*. 2016 Jul 31; 62(8):52-5.

- **Azimi A**, Hagh MF, Talebi M, Yousefi B, Feizi AA, Hossein Pour BB, Movassaghpour AA, Shamsasenjan K, Khanzadeh T, Ghaderi AH. Time-and concentration-dependent effects of resveratrol on miR 15a and miR16-1 expression and apoptosis in the CCRF-CEM acute lymphoblastic leukemia cell line. *Asian Pacific journal of cancer prevention*. 2015;16(15):6463-8.

- Vahdani SP, Khanzadeh T, Karimi F, Esfahlan AJ, Ghavipankeh S, Ghasemi A, Heydarabad MZ, Azizi H, Darbin A, Khorrami A, **Azimi A**. Evaluation of the BAX and BCL-2 Gene Expression Levels and Apoptosis in Resveratrol Affected Human Leukemic Cell Line: CCRF-CEM. *Crescent Journal of Medical and Biological Sciences*.2018;5(3).

- Malihe Najafpour, Majid Farshdousti Hagh, **Ako Azimi**, Milad Zadi Heydarabad, Peyman Balekdari, Aylin Jahanban Esfahlan, Amin Ghasemi, Saiedeh Ganbarjeddi. Exon 2 Vitamin D Receptor (Fok-I) Gene Polymorphism and Evaluation of Its Correlation with Renal Dysfunction in Patients with the β -thalassemia Major in East Azerbaijan Province of Iran. *Crescent Journal of Medical and Biological Sciences (Accepted manuscript)*
- Saiedeh ganbarjeddi, **Ako Azimi**, Milad Zadi Heydarabad, Maryam Hemmatzadeh, Shahin Mohammadi, Reza Mousavi Ardehaie, Majid Zamani, Sina Baharaghdam, Sajjad Esmaeili, Amin Ghasemi . Apoptosis induced by prednisolone occurs without altering the promoter methylation of BAX and BCL-2 genes in acute lymphoblastic leukemia cells CCRF-CEM. *Asian Pacific journal of cancer prevention. (Accepted Manuscript)*

CONGRESS

- Evaluation of survivin gene expression in ALL patients during chemotherapy
Jamal Hallajzadehm, Mahan Mohammadi, **Ako Azimi**
2nd Bienial International Pediatric Oncology Congress

WORKSHOP

- Analyzing of Research Data/ Held by Maragheh University of Medical Sciences/ March 5, 2018
- Scientific Writing/ Held by Maragheh University of Medical Sciences/ March 13, 2018
- Introduction the rules of the advisor professor at the university/ Held by Maragheh University of Medical Sciences/ June 21, 2017
- Diagnosis of hematologic malignancies (from smear to flow cytometry)/ Held by Iran University of Medical Sciences/ May 15-14, 2016
- Reference Management Software/ Held by Maragheh University of Medical Sciences/ September 06, 2017
- Resource Search/ Held by Maragheh University of Medical Sciences/ September 04, 2017
- Scientometric workshop/ Held by Maragheh University of Medical Sciences/ September 05, 2017
- Primer Design/ Held by Tabriz University of Medical Sciences/ December 27, 2011

SKILLS

- Cell culture
- RNA/DNA/Protein extraction
- cDNA synthesis
- Real Time- PCR
- Flow cytometry: Cell Gating/ Apoptosis evaluation Annexin V PI staining/ data analyzes by Flowing Software: Histogram, Dot plot figure/ DNA content assessment

REFERENCES

Dr. Majid Farshdousti Hagh

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Associate Professor of Emergency Medicine

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