

Curriculum Vitae (C.V)



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Underlined words: [Web page](#)

Personal History:

Name (First/Last name): Arsalan Jalili **Date of Birth:** 20.11.1987

Country of birth: Iran **Gender:** Male

Marital Status: Single **Place of Birth:** Tehran, Iran

Languages: Persian, English

Email address: Jalili.arsalan@royaninstitute.com/Jalili.arsalan@yahoo.com

Web addresses: [ORCID](#), [Researchgate](#), [Google Scholar](#)

Academic Education:

- a. PhD (2016-present), **Applied Cell Sciences**, [Royan Institute](#). Tehran, Iran.

Thesis title: Evaluation of optimal methods for antigen-specific T cell proliferation

Supervisor: [Prof. Nasser Aghdami](#), [Prof. Abbas Hajifathali](#)

- b. M.Sc., (2012-2014), **Cell and Molecular Biology**, [Islamic Azad University. East Tehran Branch](#). Tehran. Iran.

Thesis title: Assessing the Impact of BCG Vaccine and Fertile Hydatid Cyst Fluid in Classical and Alternative Macrophage Polarization

Supervisor: [Prof. Elham Moslemi](#) **Advisor:** [Prof. Nariman Mosaffa](#)

- c. B.Sc., (2007-2011), **Biotechnology**, Higher Education Institute of [Rab-Rashid](#). Tabriz. Iran.

Awards:

- Selected book in 28th National Student Year Book Festival (Medical branch). (From Cell to Cancer / Main Author) (Nov 2021) (**ref 1 & 2**)

Employment:

- Founder. **Parvaz Reaserch Ideas Supportet Institute** (March 2021 – now)
- Researcher. (*Scientific collaboration*), **Hematopoietic Stem Cell research center, Shahid Beheshti University of Medical Sciences** (July 2017- now).
- Laboratory Assistant. (November 2015-March 2016), **Bone Marrow transplantation and Cell Therapy center of Taleghani Hospital**.

Teaching and Lecturing Experiences:

- Teaching the “Introduction to Stem Cells”. “**Stem Cells for All Education Center**” (**Royan Institute**) (February 2020). Tehran, Iran.
- Teaching the “Introduction to Stem Cell Culture and Freezing Methods” by Royan Research Laboratory Mobile Bus. Royan Cord Blood Bank Center of Saveh by “**Stem Cells for All Education Center**” (**Royan Institute**) (September 2019). Saveh, Markazi Province, Iran.
- Scientific Writing and Research Methodology for MSC and BSc, MSC and PhD students of Biology (April-Sep 2019) (**Dr Khalili Educational Compilation Research Group**).
- Advanced Research Methodology in Biomedical Sciences. (Instructor) (**International Salvia Medical Sciences Corporation Hosted by Cytocity Co**). (September 2019). Sharif University of Technology. Tehran. Iran.
- Teaching the “Stem Cell Culture and storage” by “**Stem Cells for All Education Center**” (**Royan Institute**) (July 2019) “*Roshangaran High school*”, Tehran, Iran.
- Scientific Writing and Research Methodology for BSC, MSC and PhD students of Biology (September 2018-April 2019). (**Dr Khalili Educational Compilation Research Group**).
- “How to success in the oral section of PhD entrance exam” for applicants accepted in the first section, (August 2019) (**Dr Khalili Educational Compilation Research Group**).
- English Conversation Course by Focusing on Biological Topics (Basic, Intermediate and Advanced level) (Feb 2019-June 2019), **Royan Institute**.
- How to answer to Biological, Reading Comprehension Passages (One day workshop/ Free of charge for all participants), (May 2019) (**Dr Khalili Educational Compilation Research Group**).
- Teaching the “Stem Cells Subject” by “**Stem Cells for All Education Center**” (**Royan Institute**) (May 2019) “*12th of Farvardin Governmental School*”, Pardis town, Tehran province, Iran.
- Scientific Writing and Research Methodology (One day workshop for *best-ranked candidates in Maser of Sciences national entrance exam*), (May 2019) (**Dr Khalili Educational Compilation Research Group**).
- Teaching the “Stem Cells Subject” by “**Stem Cells for All Education Center**” (**Royan Institute**) (March 2019) “*Narjes Public Exemplary School*”, Pishva town, Tehran province, Iran.

- Scientific Writing and Research Methodology (September 2018-April 2019), **Eghilem Danesh Vahed Institute**.
- Specialized English language for biology (Sep 2018- March 2019), Dr Khalili Educational Compilation Research Group.
- English Conversation Course by Focusing on Cellular Biology Topics (Sep 2018-Dec 2018), **Royan Institute**.
- How to answer to Biological, Reading Comprehension Passages (One day workshop/ Free of charge for all participants), (April 2018) (**Dr Khalili Educational Compilation Research Group**).
- Specialized English language for biology (Sep 2017- March 2018), **Dr Khalili Educational Compilation Research Group**.
- English Conversation Course by Focusing on Biological Topics (Sep 2017-Jan 2018), **Royan Institute**.
- Free Discussion Course (English language) for PhD Students (Jul 2015-Feb 2016), **Shahid Beheshti University of Medical Sciences, School of Advances in Medicine**.
- General English Language Teacher (Part-Time job) (Oct 2013- Jan 2016), **Iranmehr Language Institute**. Tehran, Iran.

Publications (articles)

2021

- Akhavan, Saeedeh, Sara Tutunchi, Ali Malmir, Parisa Ajorlou, **Arsalan Jalili**, and Ghodratollah Panahi. "Molecular study of the proliferation process of beta cells derived from pluripotent stem cells." *Molecular Biology Reports* (2021): 1-8.
- Majidi, Mohammad, Mohammad Salehi, Maryam Salimi, Shahrokh Paktinat, Niloofar Sefati, Samaneh Montazeri, **Arsalan Jalili**, and Mohsen Norouzian. "The effect of melatonin on in vitro maturation fertilization and early embryo development of mouse oocytes and expression of HMGB1 gene in blastocysts." *Brazilian Journal of Pharmaceutical Sciences* 57 (2021).
- Shabani, Mostafa, Hamid Taghvaei Javanshir, Ahmad Bereimipour, Amin Ebrahimi Sadrabadi, **Arsalan Jalili**, and Karim Nayernia. "Contradictory Effect of Notch1 and Notch2 on Phosphatase and Tensin Homolog and its Influence on Glioblastoma Angiogenesis." *Galen Medical Journal* 10 (2021): e2091-e2091.
- Naderi Sohi, Alireza, Jafar Kiani, Ehsan Arefian, Arezou Khosrojerdi, Zahra Fekrirad, Shokoofeh Ghaemi, Mohammad Kazem Zim, **Arsalan Jalili**, Nazila Bostanshirin, and Masoud Soleimani. "Development of an mRNA-LNP Vaccine against SARS-CoV-2: Evaluation of Immune Response in Mouse and Rhesus Macaque." *Vaccines* 9, no. 9 (2021): 1007.
- Ebrahimi Sadrabadi, A., Bereimipour, A., **Jalili, A.** *et al.* The risk of pancreatic adenocarcinoma following SARS-CoV family infection. *Sci Rep* **11**, 12948 (2021). <https://doi.org/10.1038/s41598-021-92068-4>
- Roshandel, Elham, Ghazaleh Sankanian, Maryam Salimi, **Arsalan Jalili**, Sina Salari, Amir Sadeghi, Seyed Mohammadreza Hashemian, Mohammad Reza Moshari, Ali Pirsalehi, and Abbas Hajifathali. "Plasma exchange followed by convalescent plasma transfusion in COVID-19 patients." *Transfusion and Apheresis Science* (2021): 103141.
- Nalini, Ronak, Elham Roshandel, Samira Mohammadzadeh, Mohammad Hossein Kazemi, Maryam Nikoonezhad, **Arsalan Jalili**, and Abbas Hajifathali. "The effect of

beta-adrenergic stimulation in the expression of the urokinase plasminogen activator receptor in bone marrow mesenchymal stem cells." *Gene Reports* 22 (2021): 101017.

- Kian, Abdolhamed, Sayeh Parkhideh, Haniyeh Ghaffari Nazari, Maryam Nikoonezhad, **Arsalan Jalili**, Shaghayegh Shahsavan, and Abbas Hajifathali. "Pre Transplantation Serum Parathyroid Hormone Influences the Number of Mobilized CD34+ Hematopoietic Stem Cells in Autologous Hematopoietic Stem Cell Transplantation." *Reports of Biochemistry and Molecular Biology*: 76-83.
- Adeli, Ahmad, Amir Atashi, **Arsalan Jalili**, Nazila Bostan, and Masoud Soleimani. "In Vitro Assessment of MDS-derived Microvesicles on Umbilical Cord Hematopoietic Stem Cell Phenotype." *Annals of the Romanian Society for Cell Biology* (2021): 8208-8225.

2020

- Tehrani, Negar Samad, Mehdi Ahmadifar, Golnar Bayatani, Amin Ebrahimi Sadrabadi, **Arsalan Jalili**, Rudehen Branch, and Iran Rudehen. "Pathogenesis, significant biomarkers and treatment strategies in ovarian cancer." (2020).
- Koohsarian, Parisa, Athar Talebi, Mahshid Akhavan Rahnama, Mina Soufi Zomorrod, Saeid Kaviani, and **Arsalan Jalili**. "The role of cardiac exosomes in myocardial repair at the glance." *Cell biology international* (2020).
- Bostanshirin, N., Bereimipour, A., Neshan, M.a.P, Aghasafi M, Mehtararaghinia R, Ebrahimsadrabadi A, **Jalili A**. The regulatory role of exosomal CagA and microRNAs derived from *H. pylori*-related gastric cancer cells on signaling pathways related to cancer development: a bioinformatics aspect. *Comp Clin Pathol* (2020). <https://doi.org/10.1007/s00580-020-03167-z>
- Sakha, Yasaman Aliasghari, Ehsan Ehsani, Elham Roshandel, **Arsalan Jalili**, Negar Vahdani, and Abbas Hajifathali. "Assessment of the Effect of Infliximab on Immunomodulation Properties of Mesenchymal Stem Cells in Vitro." *Advanced Pharmaceutical Bulletin* (2020).
- Sanaz Kavousi, Mehdi Ahmadifar, Tina Mandegar Fard, Negar Safar Lavasani, **Arsalan Jalili**, Amin Ebrahimi Sadrabadi. "Specific signaling pathways and drugs play key role in regulation of angiogenesis". *Health Biotechnology and Biopharma*. DOI: 10.22034/HBB.2020.02
- Ehsan Seyedjafari, **Arsalan Jalili**, Kaykhosro Moridi, Zakieh Mokhames, Optimizing the Proliferation and Differentiation of Mesenchymal Stem Cells by Using PLLA Nanofibers for Epidermis Layer Repair. *Journal of Applied Tissue Engineering* (2020); 7 (1)
- Samira Mohammadzadeh, Ahmad Gahrehabghian, Mohsen Hamidpour, Arezoo Oodi, **Arsalan Jalili**, Maryam Amani, Mahshid Mohammadipour, Mona Khorshidfar, Mohammad Ghorbani, Elham Roshandel, Naser Amirizadeh. Effect of Platelet Releasate on uPA and uPAR Gene Expression in Mesenchymal Stem Cells. *Journal of Applied Tissue Engineering* (2020); 7 (1)

2019

- Mohammadreza Ebadzadeh, Rayka Sharifian Amiri, Arsalan Jalili, Afshin Sarrafinejad, Hamed Zanganeh, Aliassghar Ketabchi. "The Effect of Diclofenac Sodium on Nocturia Caused by Benign Prostatic Hyperplasia" *Journal of Kerman University of Medical Science*. (2019) 26 (4): 289-296
- Saeid Shahrabi, Mostafa Paridar, Marzieh Zeinvand-lorestani, **Arsalan Jalili**, Kazem Zibara, Mohammad Abdollahi, Abbas Khosravi. "Autophagy regulation and its role in

normal and malignant hematopoiesis” *Journal of Cellular Physiology*. (2019). Doi: 10.1002/jcp.28903

- Foruzan Moradi , Sadegh Babashah, Majid Sadeghizadeh , **Arsalan Jalili**, Abbas Hajifathali, Elham Roshandel. “Signaling pathways involved in chronic myeloid leukemia pathogenesis: The importance of targeting Musashi2-Numb signaling to eradicate leukemia stem cells” *Iranian Journal of Basic Medical Sciences*. (2019). doi: 10.22038/ijbms.2019.31879.7666

2018

- Parinaz Abbasi Ranjbar, Azadeh Rakhshan, Farhad Mashayekhi, Nasim Hatamnejadian, Salva Sadat Mostafavi, Armita Kakavand Hamidi, Nasim Abbasi, **Arsalan Jalili**, Shahin Jamshidabadi, Ahmad Ebrahimi. “Evaluation of Common Polymorphisms (GTSM1, GSTT1 and GSTP1) in S-glutathione Transferase and Susceptibility to Basal Cell Carcinoma (BCC) in Iranian Population” *Health Biotechnology and Biopharma*. (2018) DOI: 10.22034/HBB.2019.05
- Bent Alhoda Kuhestani Dehghi, **Arsalan Jalili**, Yeganezahra Kuhestani Dehghi, Mohammad Hadi Sadeghian, Adele Soltani, Hossein Ayatollahi. “Assessing the frequency of t (12; 21) (p13; q22) in patients with acute lymphoblastic leukemia in northeastern of Iran” *Health Biotechnology and Biopharma*. 2(3) (2018).
- Khosravi, Abbas, Shaban Alizadeh, **Arsalan Jalili**, Reza Shirzad, and Najmaldin Saki. "The impact of Mir-9 regulation in normal and malignant hematopoiesis." *Oncology Reviews*12,no. 1 (2018).

2017

- Tofigh, R. , Akhavan, S. , Tarban, N. , Sadrabadi, A. , Jalili, A. , Moridi, K. and Tutunchi, S. “Doxorubicin Induces Apoptosis through down Regulation of miR-21 Expression and Increases miR-21 Target Gene Expression in MCF-7 Breast Cancer Cells.” *International Journal of Clinical Medicine*, 8, 386-394. (2017) doi: 10.4236/ijcm.2017.86036.
- Sayeh Parkhideh, Majid Yazdani, Arezou Shahi, Kaykhosro Moridi, Elham Roshandel, Amene Shokati, Foruzan Moradi, **Arsalan Jalili** and Sahar Tavakoli. "An overview on Carcinogens and the relationship between cancer progression and mutation of Tumor suppressor genes" *International Journal of Advanced Biotechnology and Research*, 8 no.3 (2017).
- Mohammadi, Sepideh, Arash Mahboubi, Masumeh Mohammadi, Mehdi Hedayati, and **Arsalan Jalili**. "Assessing the Anticancer Effect of the Euphorbia condylocarpa Plant on AGS Gastric Cancer Cell Line." *Gene, Cell and Tissue Inpress* (2017).

2016

- **Arsalan Jalili**, Elham Roshandel, Seyyed Hosein Fattahi,, Neda Shenasifam, Amin Ebrahimi Sadrabadi, Mahshid Akhavan Rahnama, Sayeh Parkhideh. "Appraising the increased expression of P21 and P53 genes in paraffin-embedded biopsy tissues of patients with bladder cancer exposed to mitomycin C" *Advances in bioresearch*, 7 no.6 (2016).

2015

- Yousefi, Hossein, Samira Mohammadzadeh, Arsalan Irompour, Neda Shenasifam, **Arsalan Jalili**. "Overall study on molecular pathways of skin cancer derived from Ultra-

violet radiation as an environmental threat." *Environment Conservation Journal* 16, no. SpecialEdition (2015): 547-555.

- **Arsalan Jalili**, Elham Moslemi, Amir Izadi, and Nariman Mosaffa. "Assessing the Impact of BCG Vaccine and Fertile Hydatid Cyst Fluid in Classical and Alternative Macrophage Polarization." *Research Journal of Microbiology* 10, no. 12 (2015): 600.
- **Arsalan Jalili**, Amin Ebrahimi Sadrabadi, Sahar Shakeri Yekta. "Assessing the expression of BRAF gene in paraffin-embedded blocks of patients with colorectal cancer", *International Journal of Biology, Pharmacy and Allied Sciences* (2015).
- **Jalili, Arsalan**, Elham Moslemi, Amir Izadi, and Nariman Mosaffa. "Assessing the gene expression of IL4, TNF α , TGF β and IFN γ in studying M1 and M2 macrophages derived from human monocyte." *Research in Medicine* 39, no. 1 (2015): 9-13.
- Akhavan, Hossein Yousefi, Sara Tutunchi, Saeedeh, Amin Ebrahimi Sadrabadi, Elham Roshandel, and **Arsalan Jalili**. "Studying the effects of air pollutant particles on the occurrence of Lung cancer." *Dave International Journal of Science* 4, no. 4 (2015).

2014

- Sadrabadi, Amin Ebrahimi, Sahar Shakeri Yekta, Seyyed Hossein Fattahi, Sedigheh Molaee, Somayeh Piri Gavani, Elham Roshandel, and Arsalan Jalili. "Assessing the Decreased Expression of TP53 and P21 In Colorectal Cancer." *Indian Journal of Fundamental and Applied life sciences*, 5 no.4 (2014).

Conference Presentations:

(Oral presentations)

- Cell therapy. Virtual Conference on Cell therapy (December, 21, 2020). www.meetingsint.com
- Hematopoietic Stem Cell Transplantation and its complications for refractory infections. Virtual Conference on Stem Cell Research (October, 31, 2020). www.meetingsint.com
- Different Cell Culture Medium show Various Effects on CD8+ T Cells Expansion: A Bioinformatics Study. Virtual Conference on Cell Therapy Research (October, 20, 2020). www.meetingsint.com
- Different Cell Culture Medium show Various Effects on CD8+ T Cells Expansion: A Bioinformatics Study. Virtual Conference on Cell Therapy Research (October 2020). www.meetingsint.com
- Neda Darbanrezaei, Sahar Samieyan dehkordi, **Arsalan Jalili**, Romina Mehtar Araghinia, Amin Ebrahimi Sadrabadi. The Differential Expression Analysis of Angiogenesis Associated Gene Regulated Breast Cancer Stem Cells: A Bioinformatics Landscape. 3rd international conference on stem cells and regenerative medicine & 3rd international conference on tissue engineering and regenerative medicine, Stem cell research, Paris, France. (June 2020).
- Mahsa Ghorbani, Amin Soltanpor dehkordi, Amin Ebrahimi Sadrabadi, Ahmad Bereimipour, Ali Zaman Vaziri, **Arsalan Jalili**. IN SILICO Analysis of Angiogenesis Associated gene Expression in Lung Cancer Stem cells Amnifix in Refractory Knee Pain. 3rd international conference on stem cells and regenerative medicine & 3rd international conference on tissue engineering and regenerative medicine, Stem cell

research, Paris, France. (June 2020).

2019

- Seyed Mohammad Reza Bolandi, Arsalan Jalili, Amin Ebrahimi Sadrabadi. Augmentation of Sorafenib inhibitory effect by Mesenchymal Stem Cell Conditioned Media (MSC-CM) on Renal Cell Carcinoma Cells. The 3rd International Congress on Biomedicine. Hold on 6th - 14th November 2019. Tehran, Iran.
- yasaman aliasgharisakha, Amin EbrahimiSadrabadi, **Arsalan Jalili**. Investigation of the apoptotic impact of Human amniotic membrane-derived stromal cells (hAMSC) on breast cancer cells. The 3rd International Congress on Biomedicine. Hold on 6th - 14th November 2019. Tehran, Iran.
- Mohammad Ali Pahlevan neshan, Amin Ebrahimi Sadrabadi, **Arsalan jalili**. Investigation the Dosage Dependency of Thyroxin (T4) on Squamous Cell Carcinoma. The 3rd International Congress on Biomedicine. Hold on 6th - 14th November 2019. Tehran, Iran.
- Amin Ebrahimi Sadrabadi, Bahareh Hassani Derakhshandeh, **Arsalan Jalili**. Mesenchymal Stem Cell Conditioned Media (MSC-CM) Augments the Inhibitory Impact of Sorafenib on Squamous Cell Carcinoma Cells. . The 3rd International Congress on Biomedicine. Hold on 6th - 14th November 2019. Tehran, Iran.
- **Arsalan Jalili**, Marzieh Ebrahimi. Activated Natural Killer Cells Can Be a Promising Therapeutic Approach for Immunodeficiency disorders. 11th International Congress of Laboratory and Clinic. (01/2019)

2015

- **Arsalan Jalili**, Sahar Shakeri Yekta, Amin Ebrahimi Sadrabadi, Elham Roshandel. *Assessing the expression and the increased expression of P21 gene in Paraffin-embedded blocks of patients with bladder cancer who have been exposed to mitomycin*. 2nd International Congress of Nephrology & Urology, Tehran; (02/2015).

2014

- Elham Moslemi, Neda Shenafam, **Arsalan Jalili**, Amir Izadi, *Studying the increased expression of HER2 gene in paraffin-embedded blocks of patients with colon cancer*. TheFirst National Medical Student's Cancer Congress, Tabriz. (10/2014).

(Poster presentations)

2019

- Sahar Hormozi, **Arsalan Jalili**, Amin Ebrahimi Sadrabadi, Investigation the Differential Effect of Thyroxin (T4) on Squamous Cell Carcinoma (NSCLC) and small cell lung cancer (SCLC). 12th International Congress of Medical Lab and Clinic (12/2019).
- Seyed Mohammad Reza Bolandi, Amin Ebrahimi Sadrabadi, **Arsalan Jalili**, Examination of the Probably Apoptotic Effect of Human Amniotic Membrane-Derived Stem Cells (hAMSCs) on Lung Cancer Cells. 12th International Congress of Medical Lab and Clinic (12/2019).
- Yasaman Aliasghari Sakha, Abbas Hajifathali, Ehsan Ehsani, Elham Roshandel, **Arsalan Jalili**. Assessment of the effect of infliximab on immunomodulation properties of mesenchymal stem cells in Vitro. The 3rd International Congress on Biomedicine. Hold on6th - 14th November 2019. Tehran, Iran.
- Sahar Hormozi , Neda Amin ,**Arsalan Jalili**. The role of mesenchymal stem cell-derived

- Exosomes in treatment of Cardial diseases, 24th Iranian & 3rd International Congress of Physiology and Pharmacology, 30 Oct-01 Nov, 2019 Tehran, Iran.
- **Arsalan Jalili**, Application of Monoclonal Anti Bodies Enhances the Cytotoxicity of Natural Killer Cells in Breast Cancer, 24th Iranian & 3rd International Congress of Physiology and Pharmacology, 30 Oct-01 Nov, 2019 Tehran, Iran.
 - Mohammad Ali Pahlevan Neshan, **Arsalan Jalili**, Nazila Bostanshirin, Application of Nanoparticles in the drug delivery system associated with central nervous system cancer. 24th Iranian & 3rd International Congress of Physiology and Pharmacology, 30 Oct-01 Nov, 2019 Tehran, Iran.
 - Kaykhosro Moridi, Ali Karbalaeimahdi, **Arsalan Jalili**, Ali Salimi, PCL-PANI GEL Nanofibrosis Scaffolds Potential in Stem Cell Tissue Engineering, 15th Royan International Congress on Stem Cell Biology & Technology. (28-30 August 2019. Tehran. Iran
 - Amin Ebrahimi Sadrabadi, **Arsalan Jalili**, Payam Shahnazi Gerdesang. Complex Coherency of ATP and Metastasis in Breast Cancer Cells: A Bioinformatics Landscape. 29th Annual Congress Institute of Iran. Tehran. Iran (02/2019)
 - **Arsalan Jalili**, Marzieh Ebrahimi. CAR-NK Cells, CAR-T Cells or CAR-Macrophages? Which one to Choose? 4th International Student Biotechnology Congress. Tehran. Iran. (02/2019)
 - **Arsalan Jalili**, Marzieh Ebrahimi. Allogeneic Natural Killer Cell Therapy and Irreversible Electroporation: Better Overall Survival in Cancer Therapy. 4th International Student Biotechnology Congress. Tehran. Iran. (02/2019)
 - **Arsalan Jalili**, Marzieh Ebrahimi. CAR-Natural Killer Cells Show the Promising insights in Personalized Medicine of Cancer. 3rd International Personalized Medicine Congress of Iran. (02/2019)
 - **Arsalan Jalili**, Marzieh Ebrahimi. Combination of Natural Killer Cells and Monoclonal Antibodies: A Suitable Targeted therapy for Cancers. 3rd International Personalized Medicine Congress of Iran. (02/2019)
 - **Arsalan Jalili**, Marzieh Ebrahimi. Activated Natural Killer Cells Can Be a Promising Therapeutic Approach for Immunodeficiency Disorders. 11th International Congress on Laboratory and Clinic. (01/2019)

2018

- Arsalan Jalili, Abbas Hajifathali, Marzieh Ebrahimi. Natural Killer Cells: Amplifier or Suppressor of Graft-versus-Host-Disease Symptoms? 2nd International Congress of Biomedicine. (12/2018)
- Mehraneh Karimzadeh, Mostafa Paridar, Abbas Khosravi, **Arsalan Jalili**. FOXO3 Expression as a Predictive Factor in Developing Chronic Myeloid Leukemia Imatinib Resistance. The 3rd National Festival and International Congress on Stem Cell and Regenerative Medicine. (11/2018).
- Ali Karbalaei, **Arsalan Jalili**, Kaykhosro Moridi. Evaluation of PCL-PANi-GEL Nanofibrous Scaffolds for Tissue Engineering Purposes. The 3rd National Festival and International Congress on Stem Cell and Regenerative Medicine. (11/2018). Published in *BioImpacts: BI*, 8(Suppl 1), S1–S129. doi:10.15171/bi.2018.S1
- **Arsalan Jalili**, Marzieh Ebrahimi. Natural Killer Cells: A Beneficial Tool in Organ Regeneration. The 4th Iranian Congress on Progress in Tissue Engineering and Regenerative Medicine. (11/2018).
- Leila Dehghani, Hosein Abdali, Mehran Nasr, Masumeh Saffaee, **Arsalan Jalili**, Application of spraying skin adult stem cell for chronic wound and epithelization burn. 1st

- International Iranian Tissue Engineering and Regenerative Medicine Congress. (07/2018).
- **Arsalan Jalili**, Marzieh Ebrahimi. Natural Killer Cell Therapy: A Great Therapeutic Approach for Cancer. 1st International Iranian Tissue Engineering and Regenerative Medicine Congress. (07/2018).
 - **Arsalan Jalili**, Elham Roshandel, Hoda Sadrosadat, Abbas Hajifathali. Exosomes: A Novel Treatment for Graft-Versus-Host-Disease. 1st International Iranian Tissue Engineering and Regenerative Medicine Congress. (07/2018).
 - A Khosravi, M Karimzadeh, **A Jalili**, M Abdollahi and M Jalalifar. Hepatitis C Virus Prevalence Among Patients With Thalassemia and Interited Bleeding Disorders in Iran A Systematic Review and Meta-Analysis. 35th International congress of the ISBT in Toronto, Canada (06/2018). Published in *BioImpacts: BI*, 8(Suppl 1), S1–S129. doi:10.15171/bi.2018.S1
 - Mohammad Majidi, Roya Yaraee, Shahin Bonakdar, Mohsen Naseri, Mohammadreza Jalali, Fatemeh Heidarnejad, **Arsalan Jalili**, Maryam Salimi. The Effects of Marhame-Mafasel in IL-1 β ,IL-6 ,TNF α Expression in Animal Induced Arthritis.14th International Congress of Immunity and Allergy. (05/2018).
 - Elham Roshandel, Mahshid Mehdizadeh, Sina Salari, Sayeh Parkhideh, **Arsalan Jalili**, Abbas Hajifathali. “A Key Factor Affecting Mononuclear Cells Mobilizations and Myeloid Engraftment in Allogeneic Transplantation. Bone Marrow Transplantation.” 44th Annual Meeting of the European Society for Blood and Marrow Transplantation (03/2018)

2017

- **Arsalan Jalili**, Mahshid Mehdizadeh, Mohammadhossein Mohammadi, Naser Shagerdi Esmaeili, Afshin Mohammad Alizadeh, Abbas Hajifathali: *Association of Hemoglobin Levels with Clinical Outcome In Patients Undergoing Hematopoietic Stem Cell Transplantation*. the 22nd annual congress of APBMT (10/2017).
- Nazanin Ramezani, ahmadreza baghestani, Mahsa Moosavi, Sayeh Parkhideh, Zahra Shirmohamai Hesari, **Arsalan Jalili**, Abbas Hajifathali: *Survival Analysis in Patients Underwent Hematopoietic Stem Cell Transplantation In Taleghani Hospital .the 22nd annual congress of APBMT* (10/2017).
- Samira Karami, sayeh parkhideh, afshin mohammad alizadeh, mohammad hossein mohammadi, **arsalan jalili**, abbas hajifathali: *Body Mass Index as a Pre-Transplantation Prognostic Factor In Patients With Allogeneic and Autologous Hematopoietic Stem Cell Transplantation* .the 22nd annual congress of APBMT (10/2017)

2016

- Elham Roshandel, Arsalan Jalili, Samira Bahrami, Abbas Hajifathali: Overall survey on the rule of N—K-Cells in Cell Therapy and Bone Marrow Transplantation. 2nd National Conference on Molecular Medicine in Diagnosis and Treatment of Diseases; (02/2016)
- **Arsalan Jalili**, Samira Bahrami, Elham Roshandel, Abbas Hajifathali: *Apprising the decreased expression of TP53 and P21 in Colorectal cancer*. 2nd National Conference on Molecular Medicine in Diagnosis and Treatment of Diseases; (02/2016)

2015

- Arsalan Jalili, Elham Roshandel, Masoud Soleimani, Abbas Hajifathali, Sayeh Parkhideh, Amir Atashi: Catecholaminergic neurotransmitters affect mobilization of mesenchymal stem cells through enhancing the expression of uPA and Upar. 2nd international congress on stem cell and cellular therapies, Antalya, Turkey; (10/2015)

- **Arsalan Jalili**, Elham moslemi, Amir izadi, Nariman mosaffa: *The impact of bcg vaccine and fertile hydatid cyst fluid in classical and alternative macrophage polarization*. 2nd International and 9th National Congress of Parasitic Disease of Iran , Gilan; (05/2015)
- **Arsalan Jalili**, Sahar shakeri yekta, Amin ebrahimi sadrabadi, *Assessing the expression of BRAF gene in paraffin-embedded blocks of patients with colorectal cancer*. 3rd National Congress on Cellular and Molecular News in non-Contagious Disease; (05/2015)

2014

- Tayebe Bagheri darbid, Elham moslemi, **Arsalan Jalili**, Amir Izadi, *Studying the increased expression of ubiquitin D fene in paraffin-embedded blocks of patients with breast cancer*. The First National Medical Student's Cancer Congress, Tabriz; (10/2014)

Executive Committee Experience:

2021

- Royan International Virtual Congress 1st Student-Based Training Program (10/2021)

2018

- The 3rd National Festival and International Congress on Stem Cell and Regenerative Medicine. (11/2018).

2016

- 2nd National Conference on Molecular Medicine in Diagnosis and Treatment of Diseases; Shahid Beheshti University of Medical Sciences, (02/2016), Tehran, Iran

2015

- 1th International 9th National Biotechnology Congress of Islamic Republic of Iran, (05/2015) Tehran, Iran

Attending in Conferences, Seminars, etc

2020

- 4th Symposium on Immune Cell Therapy. (27 Jan 2020). Tehran. Iran.

2019

- 15th Royan International Congress on Stem Cell Biology & Technology. (28-30 August 2019). Tehran. Iran
- 5th symposium on Genetics and Stem Cells with Gene Therapy Approach. Council for Stem Cell Sciences and Technologies. Children's Medical Center. (2nd May 2019) Tehran. Iran.
- Orthopedics and Stem Cells. (9th Feb 2019). Taleghani Hospital. Tehran. Iran.

2018

- 2nd International Congress of Biomedicine. (24-26th Dec 2018). Tehran. Iran.
- The 3rd National Festival & International Congress on Stem Cell & Regenerative Medicine. (28th Nov- 1th Dec 2018). Tehran, Iran.

2017

- The 22nd International Congress of Asia-Pacific Blood and Marrow Transplantation. (28-30th Oct 2017). Tehran. Iran.
- The 8th Royan International Summer School: Immuno-Oncology and Translational Cancer Research. (22-27th July 2017). Royan Institute, Tehran, Iran.
- The 2nd National Festival & International Congress on Stem cell & Regenerative Medicine. (13-15 July 2017). Tehran. Iran.
- The 2nd International Congress on Hematological Disorders: (New Challenges in Diagnosis and Treatment) (3-5 May 2017)
- 17th C-HPP Symposium. (27-28th April). Tehran. Iran

2016

- The First National Festival & International Congress on Stem cell and Regenerative Medicine (19-21 May 2016) Tehran, Iran
- 2nd National Conference/ on Molecular Medicine in Diagnosis and Treatment of Diseases (18/02/2016) Shahid Beheshti University, Tehran, Iran

2015

- 2nd Iranian Congress on Progress in Tissue Engineering and Regenerative Medicine (7-9 November 2015) Tehran, Iran.
- 10th Royan International Congress on Stem Cell Biology & Technology (3-5 September 2014) Tehran, Iran
- Symposium of Cell Therapy in Infectious and Auto Immune Diseases (17/11/2015) Shahid Beheshti University, Tehran, Iran
- 7th International Congress of Laboratory and Clinic and 1th Conference of Clinical Virology, Tehran. Iran
- 2th International and 9th National Congress of Parasitology and Parasitic Disease of Iran (20-22 may 2015) Gilan University of Medical Sciences, Iran

Participation in Workshops:

2018

- Technical Editing in Scientific Writing, 14th International Congress of Immunology & Allergy, Tehran, Iran (26-28 April, 2018).
- Good Cell Culture Practice & Global Cell Culture Problem: Mycoplasma Contamination, 14th International Congress of Immunology & Allergy, Tehran, Iran (26-28 April, 2018).
- Cancer Stem Cell Immunoregulation, 14th International Congress of Immunology & Allergy, Tehran, Iran (26-28 April, 2018).
- Principles and Application of Flow cytometry, 14th International Congress of Immunology & Allergy, Tehran, Iran (26-28 April, 2018).
- Exosomes, Immunoregulators, Potential Vaccines, 14th International Congress of Immunology & Allergy, Tehran, Iran (26-28 April, 2018).

2015

- Cell Cultivation and Isolation of Stem cell ,Tehran University of Medical Sciences, School of Advanced Technologies in Medicine, (24/11/2015), Tehran, Iran.
- Stem cell culture (Bone Marrow Transplantation and Cell Therapy Center of Taleghani Hospital/Genomic Research Center, Shahid Beheshti University of Medical Sciences)
- Hematopoietic stem cell mobilization (Bone Marrow Transplantation and Cell Therapy Center of Taleghani Hospital/Genomic Research Center, Shahid Beheshti University of Medical Sciences)
- Recent advances in biochemical engineering (Babol Noshirvali University of Technology, 30/05/2015)
- miRNA, shRNA, siRNA (Bone Marrow Transplantation and Cell Therapy Center of Taleghani Hospital/Genomic Research Center, Shahid Beheshti University of Medical Sciences)
- Real time PCR (Bone Marrow Transplantation and Cell Therapy Center of Taleghani Hospital/Genomic Research Center, Shahid Beheshti University of Medical Sciences)
- Next generation sequencing (Bone Marrow Transplantation and Cell Therapy Center of Taleghani Hospital/Genomic Research Center, Shahid Beheshti University of Medical Sciences)
- Molecular cloning & bacterial transformation (Bone Marrow Transplantation and Cell Therapy Center of Taleghani Hospital/Genomic Research Center, Shahid Beheshti University of Medical Sciences)
- Flow cytometry and its application in clinical diagnosis (Bone Marrow Transplantation and Cell Therapy Center of Taleghani Hospital/Genomic Research Center, Shahid Beheshti University of Medical Sciences)
- Pluripotent stem cells for drug screening and regeneration (The 8th International & 13th National Congress on Quality Improvement in Clinical Laboratories, 22-25/04/2015, Tehran, Iran)
- Chemiluminescence (The 8th International & 13th National Congress on Quality Improvement in Clinical Laboratories, 22-25/04/2015, Tehran, Iran)
- Interferometer in thyroid function laboratory (The 8th International & 13th National Congress on Quality Improvement in Clinical Laboratories, 22-25/04/2015, Tehran, Iran)
- Fatty acid oxidation defects and its clinical significance (The 8th International & 13th National Congress on Quality Improvement in Clinical Laboratories, 22-25/04/2015, Tehran, Iran)

- Molecular diagnosis of genetic and infectious diseases (The 8th International & 13th National Congress on Quality Improvement in Clinical Laboratories, 22-25/04/2015, Tehran, Iran)
- Monitoring of therapeutic levels of anti-cancer drugs (The 8th International & 13th National Congress on Quality Improvement in Clinical Laboratories, 22-25/04/2015, Tehran, Iran)
- How to evaluate the ability in laboratory? (The 8th International & 13th National Congress on Quality Improvement in Clinical Laboratories, 22-25/04/2015, Tehran, Iran)
- Theoretical workshop of atomic-force microscopy (3th National Congress of New Titles in Molecular and cellular Biology in non-communicable diseases, 14/05/2015, Babol University of Medical Sciences, Iran)
- Laboratory analysis of oncogenes as determinant of the course of cancer therapy (7th International Congress of Laboratory and Clinic and 1th Conference of Clinical Virology, Tehran. Iran)
- Principles in phylogenetic analysis (7th International Congress of Laboratory and Clinic and 1th Conference of Clinical Virology, Tehran. Iran)
- How to write an internationally competitive grant proposal (7th International Congress of Laboratory and Clinic and 1th Conference of Clinical Virology, Tehran. Iran)
- New technology on CD4 counting in patients with HIV (7th International Congress of Laboratory and Clinic and 1th Conference of Clinical Virology, Tehran. Iran)
- Cancer stem cells laboratory technics and their role in causation and treatment of human cancers (7th International Congress of Laboratory and Clinic and 1th Conference of Clinical Virology, Tehran. Iran)

Published books:

2020

- From Cell to Cancer. Arsalan Jalili, Abbas Hajifathali. (11/2020). Shahid Beheshti University of Medical Sciences Publication. (Authored)
- Mechanisms of Gene Regulation- Springer. (11/2020), Booali Publication) (Translated)
- Tumors and Cancers- Endocrine glands- Blood- Marrow- Lymph- CRC Press. Taylor and Francis Group. (07/2020), Booali Publication) (Translated)
- Organ Regeneration 3D Stem Cell Culture and Manipulation, Springer Protocols, Humana Press, (06/2020), Booali Publication) (Translated)
- Gene Therapy of Solid Cancers, Springer Protocols, Humana Press, (06/2020), Booali Publication) (Translated)
- Immunotherapy of Cancer, Springer, (06/2020), Booali Publication) (Translated)
- Introduction to Stem Cells and Hematopoietic Stem Cell Transplantation, , (06/2020), Booali Publication) (Authored)
- Friendship with Grammar, **Arsalan Jalili**, (03/2020), Booali Publication). (Authored)
- Teaching 504 Absolutely Essential Words & Essential Words for the Toefl, **Arsalan Jalili** (03/2020), Booali Publication). (Authored)
- English Language Test Bank. **Arsalan Jalili** (03/2020), Booali Publication). (Authored)

2019

- Biological techniques for Molecular Laboratory. (01/2019).Khosravi Publication. (Authored)

2018

- Culture of Animal Cells, A Manual of Basic Technique and Specialized Applications. (05/2018) Khosravi Publication. (Translated)

2016

- Fundamental techniques in cell culture (SIGMA), (06/2016) Khosravi Publication. (Translated)

Research Interests:

- Cancer Biology
- Cancer Immunotherapy
- Bone Marrow Transplantation.
- Graft-versus-Host-Disease
- Immune Cell Therapy.
- Signaling

Hobby:

- Swimming
- Mountain climbing

References:

- **Prof. Abbas Hajifathali.** Professor of Hematology. Shahid Beheshti University of Medical Sciences. The Head of Taleghani BMT Center. Email: a.hajifathali@sbmu.ac.ir.
- **Dr. Sahar Tavakoli Shiraji.** Assistant Professor of Tehran University of Medical Sciences. Dr. Shariati Hospital. Email: stavakoli@sina.tums.ac.ir
- **Prof. Nasser Aghdami.** Head of Regenerative Medicine Department. Royan Institute for Stem Cell Biology and Technology. Tehran, Iran. Email: Nasser.aghdami@royaninstitute.org
- **Dr. Elham Roshandel.** Vice chancellor for research. Hematopoietic Stem Cell Research Center, Shahid Beheshti University of Medical Sciences, Tehran, Iran. Email: Elham.roshandel@gmail.com