

# Curriculum Vitae

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## Contact Information

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## Personal Information

**Nationality:** Iranian  
**Marital Status:** Married  
**Current Status:** Assistant Professor of Immunology, Department of Immunology and Microbiology, Faculty of Medicine, Yasuj University of Medical Sciences, Iran.

## Educational Background

- 1- B.Sc. (2001) - Medical Laboratory Technology (Isfahan University of Medical Sciences, School of Medicine, Isfahan, Iran)
- 2- M.Sc.(2010) - Immunology (Tehran University of Medical Sciences, School of Public Health, Tehran, Iran)
- 3- Ph.D. (2016) - Immunology (Mashhad University of Medical Sciences, School of Medicine, Mashhad, Iran)

## Educational Information

**M.Sc Thesis title:** Investigating the apoptotic and antiproliferative effects of anti-tyrosine kinase ROR1 antibody in combination with interleukin-21 and vitamin-A on chronic lymphocytic leukemia (B-CLL) cells

**Ph.D Thesis title:** Identification of reactive proteins in two cell lines of SW1116 (non invasive) and SW48 (invasive) with sera of colorectal cancer patients using two-dimensional (2D) immunoblot coupled to Mass spectrometry

## Awards and Honors

- 1- 2017 Top Researcher of Yasuj University of Medical Sciences (Yasuj, Iran)
- 2- 2018 Top Researcher of Yasuj University of Medical Sciences ( Yasuj, Iran)

### ***Skills and Professional Experiences***

- 1- **Immunological techniques:** such as MTT, cytokine assay, western blotting and ELISA
- 2- **Immunofluorescence and Flow cytometry**
- 3- **Standard molecular biology techniques including:** DNA and RNA extraction, PCR, Real Time PCR
- 4- **Biochemistry techniques:** PAGE, SDS-PAGE, Zymography
- 5- **Microbiology techniques including:** Culture of bacteria and antibiogram
- 6- **Animal cell culture technology including:** Isolation and culture of primary cells, cell line culture, Passage, Transformation, Transfection, Cell Migration and Invasion assay
- 7- **Animal manipulation:** Creating Tumor in Mice and Immunotherapy (Colorectal cancer)
- 8- **Expert in Clinical laboratory techniques**
- 9- **Soft Ware:** GraphPad-Prism, SPSS, Excel
- 10- **Setting up and managing the SARS-Covid-2 molecular diagnosis laboratory at Yasuj University of Medical Sciences for the first time (2020)**
- 11- **Director of SARS-Covid-2 molecular diagnosis laboratory in Yasuj University of Medical Sciences (2020)**
- 12- **Setting up and managing a private clinical diagnostic laboratory with more than 15 personnel's in Yasuj city to provide laboratory services (2022)**

### ***Publication***

- 1- Cytotoxic Effect of Podophyllotoxin-Loaded Magnetic Nanoparticles on Proliferation of Colorectal (HT-29) and Breast (MCF-7) Cancer Cell Lines. Mahboubeh Mansourian, Sayed M Peimanimotlagh, Mehrorang Ghaedi, Mohammad Sharif Talebianpoor, Zeinab Salehpour, [\*Ghasem Ghalamfarsa\*](#), Maryam Tajali Ardakani, Hassan Bardania. Current Nanomaterials 8 (1), 82-89. 2023
- 2- Quercetin-loaded Liposomes Effectively Induced Apoptosis and Decreased the Epidermal Growth Factor Receptor Expression in Colorectal Cancer Cells: An In Vitro Study. Fatemeh Keshavarz, Maryam Dorfaki, Hasan Bardania, Fatemeh Khosravani, Paria Nazari, [\*Ghasem Ghalamfarsa\*](#). Iranian Journal of Medical Sciences. 2023/1/9
- 3- Proapoptotic effect of nanoliposomes loaded with hydroalcoholic extract of Hypericum perforatum L. in combination with curcumin on SW48 and SW1116 colorectal cancer cell lines. Farzaneh Rezaeinejad, Hasan Bardania, Farideh Ghalamfarsa, Sajad Hasanzadeh, Farhad Jadidi-Niaragh, [\*Ghasem Ghalamfarsa\*](#). Journal of Medicinal Plants .21 (82), 28-42. 2022.

- 4- Patients with Covid 19 have significantly reduced CH50 activity. Fatemeh Keshavarz, Farideh Ghalamfarsa, Saeed Javdansirat, Sajad Hasanzadeh, Arsalan Azizi, Gholamabbas Sabz, Marziyeh Salehi, [\*Ghasem Ghalamfarsa\*](#). *VirusDisease* 32 (4), 681-689. 2021.
- 5- Bispecific antibodies in colorectal cancer therapy: recent insights and emerging concepts. Farideh Ghalamfarsa, Seyyed Hossein Khatami, Omid Vakili, Mortaza Taheri-Anganeh, Amir Tajbakhsh, Amir Savardashtaki, Yousef Fazli, Leila Rezaei Uonaki, Zahra Shabaninejad, Ahmad Movahedpour, [\*Ghasem Ghalamfarsa\*](#). *Immunotherapy* 13 (16), 1355-1367. 2021.
- 6- The emerging role of microRNA in regulating the mTOR signaling pathway in immune and inflammatory responses. Nazanin Nazari, Farzaneh Jafari, [\*Ghasem Ghalamfarsa\*](#), Abolghasem Hadinia, Amir Atapour, Majid Ahmadi, Sanam Dolati, Davood Rostamzadeh *Immunology and Cell Biology* 99 (8), 814-832. 2021.
- 7- Chemical composition and cytotoxic activity of the essential oil from the aerial parts of *Dorema aucheri*. Seyed Ahmad Hossiniyan, Farideh Ghalamfarsa, Shaghayegh Rostami-Yasuj, Zeynab Salehpour, Mohsen Latifpour, Sajad Hasanzadeh, Bahram Mohammadi, Farhad Jadidi-Niaragh, Ali Ganji, [\*Ghasem Ghalamfarsa\*](#). *Journal of Herbmед Pharmacology* 10 (3), 344-350. 2021.
- 8- Concomitant blockade of A2AR and CTLA-4 by siRNA-loaded polyethylene glycol-chitosan-alginate nanoparticles synergistically enhances antitumor T-cell responses. Mitra Ghasemi-Chaleshtari, Seyed Hossein Kiaie, Mahzad Irandoust, Hadis Karami, Mohsen Nabi Afjadi, Sepideh Ghani, Nasimeh Aghaei Vanda, Mohammad Javad Ghaderi Sede, Armin Ahmadi, Ali Masjedi, Hadi Hassannia, Fatemeh Atyabi, Mohammad Hojjat-Farsangi, Afshin Namdar, [\*Ghasem Ghalamfarsa\*](#), Farhad Jadidi-Niaragh. *Journal of Cellular Physiology* 235 (12), 10068-10080. 2020.
- 9- Coinhibition of S1PR1 and GP130 by siRNA-loaded alginate-conjugated trimethyl chitosan nanoparticles robustly blocks development of cancer cells. Narges Rostami, Afshin Nikkhoo, Yalda Khazaei-poul, Shohreh Farhadi, Melika Sadat Haeri, Sadaf Moghadaszadeh Ardebili, Nasimeh Aghaei Vanda, Fatemeh Atyabi, Afshin Namdar, Masoumeh Baghaei, Navideh Haghnavaz, Tohid Kazemi, Mehdi Yousefi, [\*Ghasem Ghalamfarsa\*](#), Gholamabas Sabz, Farhad Jadidi-Niaragh. *Journal of Cellular Physiology* 235 (12), 9702-9717. 2020.
- 10- Inhibition of CD73 using folate targeted nanoparticles carrying anti-CD73 siRNA potentiates anticancer efficacy of Dinaciclib. Shahin Hallaj, Sima Heydarzadeh Asl, Fatemeh Alian, Sajjad Farshid, Farzaneh Sadat Eshaghi, Afshin Namdar, Fatemeh Atyabi, Ali Masjedi, Tooba Hallaj, Anahita Ghorbani, [\*Ghasem Ghalamfarsa\*](#), Mozhdeh Sojoodi, Farhad Jadidi-Niaragh *Life sciences* 259, 118150. 2020.
- 11- Blockade of CTLA-4 increases anti-tumor response inducing potential of dendritic cell vaccine. Maryam Esmaily, Ali Masjedi, Shahin Hallaj, Mohsen Nabi Afjadi, Farinaz Malakotikhah, Sepideh Ghani, Armin Ahmadi, Mozhdeh Sojoodi, Hadi Hassannia, Fatemeh Atyabi, Afshin Namdar, Gholamreza Azizi, [\*Ghasem Ghalamfarsa\*](#), Farhad Jadidi-Niaragh *Journal of Controlled Release* 326, 63-74. 2020.

- 12- Adenosine and adenosine receptors in colorectal cancer. Farnaz Hajizadeh, Ali Masjedi, Sima Heydarzadeh Asl, Fariba Karoon Kiani, Makwan Peydaveisi, [\*Ghasem Ghalamfarsa\*](#), Farhad Jadidi-Niaragh, Andrey Sevbitov *International immunopharmacology* 87, 106853. 2020.
- 13- Silencing adenosine A2a receptor enhances dendritic cell-based cancer immunotherapy. Ali Masjedi, Armin Ahmadi, Sepideh Ghani, Farinaz Malakotikhah, Mohsen Nabi Afjadi, Mahzad Irandoust, Fariba Karoon Kiani, Sima Heydarzadeh Asl, Fatemeh Atyabi, Hadi Hassannia, Mohammad Hojjat-Farsangi, Afshin Namdar, [\*Ghasem Ghalamfarsa\*](#), Farhad Jadidi-Niaragh. *Nanomedicine: Nanotechnology, Biology and Medicine* 29, 102240. 2020.
- 14- Silencing of HIF-1 $\alpha$ /CD73 axis by siRNA-loaded TAT-chitosan-spion nanoparticles robustly blocks cancer cell progression. Farnaz Hajizadeh, Sadaf Moghadaszadeh Ardebili, Mahdi Baghi Moornani, Ali Masjedi, Fatemeh Atyabi, Melika Kiani, Afshin Namdar, Vahid Karpisheh, Sepideh Izadi, Behzad Baradaran, Gholamreza Azizi, [\*Ghasem Ghalamfarsa\*](#), Gholamabas Sabz, Mehdi Yousefi, Farhad Jadidi-Niaragh. *European journal of pharmacology* 882, 173235. 2020.
- 15- Tumor associated macrophages in the molecular pathogenesis of ovarian cancer. Yousef Yousefzadeh, Shahin Hallaj, Mahdi Baghi Moornani, Amir Asghary, Gholamreza Azizi, Mohammad Hojjat-Farsangi, [\*Ghasem Ghalamfarsa\*](#), Farhad Jadidi-Niaragh. *International Immunopharmacology* 84, 106471. 2020.
- 16- Nanomedicine for improvement of dendritic cell-based cancer immunotherapy. Vida Hashemi, Shohreh Farhadi, Mitra Ghasemi Chaleshtari, Brinton Seashore-Ludlow, Ali Masjedi, Mohammad Hojjat-Farsangi, Afshin Namdar, Amir Ajjoolabady, Hamed Mohammadi, [\*Ghasem Ghalamfarsa\*](#), Farhad Jadidi-Niaragh. *International immunopharmacology* 83, 106446. 2020.
- 17- Codelivery of STAT3 siRNA and BV6 by carboxymethyl dextran trimethyl chitosan nanoparticles suppresses cancer cell progression. Afshin Nikkhoo, Narges Rostami, Shohreh Farhadi, Maryam Esmaily, Sadaf Moghadaszadeh Ardebili, Fatemeh Atyabi, Masoumeh Baghaei, Navideh Haghnavaz, Mehdi Yousefi, Mohammad Reza Aliparasti, [\*Ghasem Ghalamfarsa\*](#), Hamed Mohammadi, Mozhdeh Sojoodi, Farhad Jadidi-Niaragh. *International journal of pharmaceutics* 581, 119236. 2020.
- 18- Silencing of p68 and STAT3 synergistically diminishes cancer progression. Vida Hashemi, Armin Ahmadi, Farinaz Malakotikhah, Mitra Ghasemi Chaleshtari, Mahdi Baghi Moornani, Ali Masjedi, Mozhdeh Sojoodi, Fatemeh Atyabi, Afshin Nikkhoo, Narges Rostami, Behzad Baradaran, Gholamreza Azizi, Bahman Yousefi, [\*Ghasem Ghalamfarsa\*](#), Farhad Jadidi-Niaragh. *Life sciences* 249, 117499. 2020.
- 19- Cancer associated fibroblasts as novel promising therapeutic targets in breast cancer. Sevda Salimifard, Ali Masjedi, Mohammad Hojjat-Farsangi, [\*Ghasem Ghalamfarsa\*](#), Mahzad Irandoust, Gholamreza Azizi, Hamed Mohammadi, Mohammad Reza Keramati, Farhad Jadidi-Niaragh. *Pathology-Research and Practice* 216 (5), 152915. 2020.
- 20- PD-L1/PD-1 axis as a potent therapeutic target in breast cancer. Shima Bastaki, Mahzad Irandoust, Armin Ahmadi, Mohammad Hojjat-Farsangi, Patrick Ambrose, Shahin Hallaj,

Mahdi Edalati, [Ghasem Ghalamfarsa](#), Gholamreza Azizi, Mehdi Yousefi, Hengameh Chalajour, Farhad Jadidi-Niaragh . Life sciences 247, 117437. 2020.

- 21- Silencing of IL-6 and STAT3 by siRNA loaded hyaluronate-N, N, N-trimethyl chitosan nanoparticles potently reduces cancer cell progression. Ali Masjedi, Armin Ahmadi, Fatemeh Atyabi, Shohreh Farhadi, Mahzad Irandoust, Yalda Khazaei-Poul, Mitra Ghasemi Chaleshtari, Mahdi Edalati Fathabad, Masoumeh Baghaei, Navideh Haghnavaz, Behzad Baradaran, Mohammad Hojjat-Farsangi, [Ghasem Ghalamfarsa](#), Gholamabas Sabz, Sajad Hasanzadeh, Farhad Jadidi-Niaragh. International journal of biological macromolecules 149, 487-500. 2020.
- 22- The Effect Of Aqueous-Alcoholic Aerial Parts Extract Of Dorema Aucheri On Liposome Nanoparticles On Proliferation And Induction Of Apoptosis In Human Colorectal Cancer Cells Of Sw48 Class. F Rezaeinejad, Z Ghasemifard, AM Tajali, H Bardania, [GH Ghalamfarsa](#). ARMAGHAN DANESH 25 (3140), 318-331. 2020.
- 23- Regulatory T cells in breast cancer as a potent anti-cancer therapeutic target. Vida Hashemi, Leili Aghebati Maleki, Maryam Esmaily, Ali Masjedi, [Ghasem Ghalamfarsa](#), Afshin Namdar, Mehdi Yousefi, Bahman Yousefi, Farhad Jadidi-Niaragh. International immunopharmacology 78, 106087. 2020.
- 24- Blockage of immune checkpoint molecules increases T-cell priming potential of dendritic cell vaccine. Hadi Hassannia, Mitra Ghasemi Chaleshtari, Fatemeh Atyabi, Mahshid Nosouhian, Ali Masjedi, Mohammad Hojjat-Farsangi, Afshin Namdar, Gholamreza Azizi, Hamed Mohammadi, [Ghasem Ghalamfarsa](#), Gholamabas Sabz, Sajad Hasanzadeh, Mehdi Yousefi, Farhad Jadidi-Niaragh. Immunology 159 (1), 75-87. 2020.
- 25- Hypoxia inducible factors in the tumor microenvironment as therapeutic targets of cancer stem cells. Farnaz Hajizadeh, Isobel Okoye, Maryam Esmaily, Mitra Ghasemi Chaleshtari, Ali Masjedi, Gholamreza Azizi, Mahzad Irandoust, Ghasem Ghalamfarsa, Farhad Jadidi-Niaragh. Life sciences 237, 116952. 2019.
- 26- Prostaglandin E2 as a potent therapeutic target for treatment of colon cancer. Vahid Karpisheh, Afshin Nikkhoo, Mohammad Hojjat-Farsangi, Afshin Namdar, Gholamreza Azizi, [Ghasem Ghalamfarsa](#), Gholamabas Sabz, Mehdi Yousefi, Bahman Yousefi, Farhad Jadidi-Niaragh. Prostaglandins & other lipid mediators 144, 106338. 2019.
- 27- S1PR1 as a novel promising therapeutic target in cancer therapy. Narges Rostami, Afshin Nikkhoo, Amir Ajjoobabady, Gholamreza Azizi, Mohammad Hojjat-Farsangi, [Ghasem Ghalamfarsa](#), Bahman Yousefi, Mehdi Yousefi, Farhad Jadidi-Niaragh. Molecular Diagnosis & Therapy 23 (4), 467-487. 2019.
- 28- Downregulation of A2AR by siRNA loaded PEG-chitosan-lactate nanoparticles restores the T cell mediated anti-tumor responses through blockage of PKA/CREB signaling pathway. Ali Masjedi, Hadi Hassannia, Fatemeh Atyabi, Ali Rastegari, Mohammad Hojjat-Farsangi, Afshin Namdar, Hassan Soleimanpour, Gholamreza Azizi, Afshin Nikkhoo, [Ghasem Ghalamfarsa](#), Abbas Mirshafiey, Farhad Jadidi-Niaragh. International journal of biological macromolecules 133, 436-445. 2019.
- 29- Dimethyl fumarate: Regulatory effects on the immune system in the treatment of multiple

- sclerosis. Arezoo Hosseini, Ali Masjedi, Behzad Baradaran, Mohammad Hojjat-Farsangi, [\*Ghasem Ghalamfarsa\*](#), Enayat Anvari, Farhad Jadidi-Niaragh. *Journal of cellular physiology* 234 (7), 9943-9955. 2019.
- 30- Smac mimetics as novel promising modulators of apoptosis in the treatment of breast cancer. Afshin Nikkhoo, Narges Rostami, Mohammad Hojjat-Farsangi, Gholamreza Azizi, Bahman Yousefi, [\*Ghasem Ghalamfarsa\*](#), Farhad Jadidi-Niaragh. *Journal of Cellular Biochemistry* 120 (6), 9300-9314. 2019.
- 31- A review on medicinal plant extracts and their active ingredients against methicillin-resistant and methicillin-sensitive *Staphylococcus aureus*. Marzieh Askarina, Ali Ganji, Farhad Jadidi-Niaragh, Sajad Hasanzadeh, Bahram Mohammadi, Farideh Ghalamfarsa, [\*Ghasem Ghalamfarsa\*](#), Hassan Mahmoudi. *Journal of Herbmec Pharmacology* 8 (3), 173-184. 2019.
- 32- The role of DEAD-box RNA helicase p68 (DDX5) in the development and treatment of breast cancer. Vida Hashemi, Ali Masjedi, Bita Hazhir-karzar, Asghar Tanomand, Siamak Sandoghchian Shotorbani, Mohammad Hojjat-Farsangi, [\*Ghasem Ghalamfarsa\*](#), Gholamreza Azizi, Enayat Anvari, Behzad Baradaran, Farhad Jadidi-Niaragh. *Journal of cellular physiology* 234 (5), 5478-5487. 2019.
- 33- An immunoproteomic approach to identifying immunoreactive proteins in *Leishmania infantum* amastigotes using sera of dogs infected with canine visceral. Sajad Rashidi, Zahra Mojtahedi, Bahador Shahriari, Kurosh Kalantar, [\*Ghasem Ghalamfarsa\*](#), Mehdi Mohebali, Gholamreza Hatam. *Pathogens and Global Health* 113 (3), 124-132. 2019.
- 34- CD73 as a potential opportunity for cancer immunotherapy. [\*Ghasem Ghalamfarsa\*](#), Mohammad Hossein Kazemi, Sahar Raoofi Mohseni, Ali Masjedi, Mohammad Hojjat-Farsangi, Gholamreza Azizi, Mehdi Yousefi, Farhad Jadidi-Niaragh. *Expert opinion on therapeutic targets* 23 (2), 127-142. 2019.
- 35- Association of single nucleotide autophagy-related protein 5 gene polymorphism rs2245214 with susceptibility to non-small cell lung cancer. Mohsen Nikseresht, Maryam Shahverdi, Mehdi Dehghani, Hassan Abidi, Reza Mahmoudi, [\*Ghasem Ghalamfarsa\*](#), Leila Manzouri, Saeid Ghavami. *Journal of Cellular Biochemistry* 120 (2), 1924-1931. 2019.
- 36- Polymorphism of *Foxp3* gene affects the frequency of regulatory T cells and disease activity in patients with rheumatoid arthritis in Iranian population. Vida Hashemi, Amir Salek Farrokhi, Asghar Tanomand, Zohreh Babaloo, Mohammad Hojjat-Farsangi, Enayat Anvari, Mohammad-Taher Tahoori, Rana Ezzedini, Arezoo Hosseini, Tohid Gharibi, [\*Ghasem Ghalamfarsa\*](#), Farhad Jadidi-Niaragh. *Immunology letters* 204, 16-22. 2018.
- 37- The significant role of interleukin-6 and its signaling pathway in the immunopathogenesis and treatment of breast cancer. [\*Ghasem Ghalamfarsa\*](#), Ali Rastegari, Fatemeh Atyabi, Hadi Hassannia, Mohammad Hojjat-Farsangi, Amir Ghanbari, Enayat Anvari, Jamshid Mohammadi, Gholamreza Azizi, Ali Masjedi, Mehdi Yousefi, Bahman Yousefi, Jamshid Hadjati, Farhad Jadidi-Niaragh. *Biomedicine & Pharmacotherapy* 108, 1415-1424. 2018.
- 38- Anti-angiogenic effects of CD73-specific siRNA-loaded nanoparticles in breast cancer-bearing mice. [\*Ghasem Ghalamfarsa\*](#), Ali Rastegari, Fatemeh Atyabi, Hadi Hassannia,

Mohammad Hojjat-Farsangi, Amir Ghanbari, Enayat Anvari, Jamshid Mohammadi, Gholamreza Azizi, Ali Masjedi, Mehdi Yousefi, Bahman Yousefi, Jamshid Hadjati, Farhad Jadidi-Niaragh. *Journal of cellular physiology* 233 (10), 7165-7177. 2018.

- 39- The effect of Cu-BPDCA-Ty on antibacterial activity and the expression of meca gene in clinical and standard strains of methicillin-resistant *Staphylococcus aureus*. Marzieh Askarina, Mehrorang Ghaedi, Leila Manzouri, Seyed Sajjad Khoramrooz, Asghar Sharifi, [Ghasem Ghalamfarsa](#), Ramin Jannesar, Farzad Sadri, Seyed Abdolmajid Khosravani. *Jundishapur Journal of Microbiology* 11 (3). 2018.
- 40- Adenosine and adenosine receptors in the immunopathogenesis and treatment of cancer. Mohammad H Kazemi, Sahar Raoofi Mohseni, Mohammad Hojjat-Farsangi, Enayat Anvari, [Ghasem Ghalamfarsa](#), Hamed Mohammadi, Farhad Jadidi-Niaragh. *Journal of Cellular Physiology* 233 (3), 2032-2057. 2018.
- 41- Nanoparticles and targeted drug delivery in cancer therapy. Behdokht Bahrami, Mohammad Hojjat-Farsangi, Hamed Mohammadi, Enayat Anvari, [Ghasem Ghalamfarsa](#), Mehdi Yousefi, Farhad Jadidi-Niaragh. *Immunology letters* 190, 64-83. 2017.
- 42- Safflower seed oil, containing oleic acid and palmitic acid, enhances the stemness of cultured embryonic neural stem cells through Notch1 and induces neuronal differentiation. Majid Ghareghani, Kazem Zibara, Hassan Azari, Hossein Hejr, Farzad Sadri, Ramin Jannesar, [Ghasem Ghalamfarsa](#), Hamdallah Delaviz, Ebrahim Nouri, Amir Ghanbari. *Frontiers in Neuroscience* 11, 446. 2017.
- 43- IL-27: Friend or foe in the autoimmune diseases. Mostafa Ejtehadifar, Sarah Zahedi, Ghasem Mosayebi, [Ghasem Ghalamfarsa](#), Abbas Pishdadian, Ali Ghazavi, Mohsen Ebrahimi, Ali Ganji. *Current Immunology Reviews* 13 (2), 163-170. 2017.
- 44- A review study on phytochemistry and pharmacology applications of *Juglans regia* plant. Hamdollah Delaviz, Jamshid Mohammadi, Ghasem Ghalamfarsa, Bahram Mohammadi, Naser Farhadi. *Pharmacognosy reviews* 11 (22), 145. 2017.
- 45- Differential Immune Reactivity Pattern of SW48 and SW1116 Colorectal Cancer Cell Lines with Colorectal Cancer Patients Sera. [Ghasem Ghalamfarsa](#), Seyyed Vahid Hosseini, Maryam Hamidinia, Abbas Ghaderi, Mahmoud Mahmoudi, Zahra Mojtahedi. *Advanced Biomedical Research* 6. 2017.
- 46- Synergistic induction of apoptosis in B-cell chronic lymphocytic leukemia cells after treatment with all-trans retinoic acid in combination with interleukin-21 and rituximab. Kazem Abbaszadeh-Goudarzi, Fazel Shokri, Mostafa Hosseini, Farhad Jadidi-Niaragh, [Ghasem Ghalamfarsa](#), Ali Akbar Saboor-Yaraghi. *Journal of Cancer Research and Therapeutics* 12 (4), 1278. 2016.
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- Enayat Anvari, Abolghasem Hadinia, Amir Ghanbari, Maryam Setayesh, Mehdi Yousefi, Farhad Jadidi-Niaragh. *Journal of immunotoxicology* 13 (3), 274-285. 2016.
- 49- Myeloid-derived suppressor cells in B cell malignancies. Yaghoub Yazdani, Mousa Mohammadnia-Afrouzi, Mehdi Yousefi, Enayat Anvari, [Ghasem Ghalamfarsa](#), Hadi Hasannia, Sanam Sadreddini, Farhad Jadidi-Niaragh. *Tumor Biology* 36 (10), 7339-7353. 2015.
- 50- The effects of NDRG2 overexpression on cell proliferation and invasiveness of SW48 colorectal cancer cell line. Ali Golestan, Zahra Mojtahedi, [Ghasem Ghalamfarsa](#), Maryam Hamidinia, Mohammad Ali Takhshid. *Iranian Journal of Medical Sciences* 40 (5), 430. 2015.
- 51- N-myc downstream regulated gene 2 overexpression reduces matrix metalloproteinase-2 and-9 activities and cell invasion of A549 lung cancer cell line in vitro. Seyed Nooredin Faraji, Zahra Mojtahedi, [Ghasem Ghalamfarsa](#), Mohammad Ali Takhshid. *Iranian Journal of Basic Medical Sciences* 18 (8), 773. 2015.
- 52- Folate-conjugated nanoparticles as a potent therapeutic approach in targeted cancer therapy. Behdokht Bahrami, Mousa Mohammadnia-Afrouzi, Peyman Bakhshaei, Yaghoub Yazdani, [Ghasem Ghalamfarsa](#), Mehdi Yousefi, Sanam Sadreddini, Farhad Jadidi-Niaragh, Mohammad Hojjat-Farsangi. *Tumor Biology* 36 (8), 5727-5742. 2015.
- 53- The immunomodulatory effects of fish-oil supplementation in elite paddlers: A pilot randomized double blind placebo-controlled trial. Maryam Delfan, Khosro Ebrahim, Fatemeh Baesi, Zahra Mirakhori, [Ghasem Ghalamfarsa](#), Peyman Bakhshaei, Ali Akbar Saboor-Yaraghi, Alireza Razavi, Maryam Setayesh, Mehdi Yousefi, Farhad Jadidi-Niaragh. *Prostaglandins, Leukotrienes and Essential Fatty Acids* 99, 35-40. 2015.
- 54- Use of Glyceraldehyde 3-Phosphate Dehydrogenase (GAPDH) as Internal Control in Western-Blot Experiments? [Ghasem Ghalamfarsa](#), Faraz Zare, Zahra Mojtahedi. *Journal of Cancer Prevention & Current Research* 2 (6). 2015.
- 55- The skewed balance between Tregs and Th17 in chronic lymphocytic leukemia. Mehdi Yousefi, Ali Akbar Movassaghpour, Karim Shamsasenjan, [Ghasem Ghalamfarsa](#), Sanam Sadreddini, Farhad Jadidi-Niaragh, Mohammad Hojjat-Farsangi. *Future Oncology* 11 (10), 1567-1582. 2015.
- 56- All-trans-retinoic acid differentially regulates proliferation of normal and leukemic B cells from different subsets of chronic lymphocytic leukemia. [Ghasem Ghalamfarsa](#), Farhad Jadidi-Niaragh, Mohammad Mehdi Amiri, Seyed Mohsen Razavi, Ali Akbar Saboor-Yaraghi, Fazel Shokri. *Nutrition and cancer* 67 (2), 285-291. 2015.
- 57- Receptor tyrosine kinase and tyrosine kinase inhibitors: new hope for success in multiple sclerosis therapy. Abbas Mirshafiey, [Ghasem Ghalamfarsa](#), Babak Asghari, Gholamreza Azizi. *Innovations in clinical neuroscience* 11 (7-8), 23. 2014.
- 58- The significance of matrix metalloproteinases in the immunopathogenesis and treatment of multiple sclerosis. Abbas Mirshafiey, Babak Asghari, [Ghasem Ghalamfarsa](#), Farhad Jadidi-Niaragh, Gholamreza Azizi. *Sultan Qaboos University Medical Journal* 14 (1), e13. 2014.



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- 60- Regulatory T cells in chronic lymphocytic leukemia: implication for immunotherapeutic interventions. Farhad Jadidi-Niaragh, [Ghasem Ghalamfarsa](#), Mehdi Yousefi, Mina Hajifaraj Tabrizi, Fazel Shokri. Tumor Biology 34 (4), 2031-2039. 2013.
- 61- Differential regulation of B-cell proliferation by IL21 in different subsets of chronic lymphocytic leukemia. [Ghasem Ghalamfarsa](#), Farhad Jadidi-Niaragh, Mohammad Hojjat-Farsangi, Hossein Asgarian-Omran, Mehdi Yousefi, Fathollah Tahmasebi, Jalal Khoshnoodi, Seyed Mohsen Razavi, Ali Akbar Saboor-Yaraghi, Hodjatallah Rabbani, Mahmood Jeddi-Tehrani, Fazel Shokri. Cytokine 62 (3), 439-445. 2013.
- 62- The role of natural killer T cells in B cell malignancies. [Ghasem Ghalamfarsa](#), Abolghasem Hadinia, Mehdi Yousefi, Farhad Jadidi-Niaragh. Tumor Biology 34 (3), 1349-1360. 2013.
- 63- Downregulation of IL-17-producing T cells is associated with regulatory T cell expansion and disease progression in chronic lymphocytic leukemia. Farhad Jadidi-Niaragh, [Ghasem Ghalamfarsa](#), Ali Memarian, Hossein Asgarian-Omran, Seyed Mohsen Razavi, Abdolfattah Sarrafnejad, Fazel Shokri. Tumor Biology 34 (2), 929-940. 2013.

### Conference Proceedings

- 1- Fatemeh Keshavarz, [Ghasem Ghalamfarsa](#), Maryam Dorfaki. Nanoliposome-loaded thymo increases apoptosis and decreases EGFR gene expression in the SW1116 cell line derived from colorectal cancer. 14<sup>th</sup> International Congress of Medical Lab and Clinic. G-07489. 02,04,2023.
- 2- [G. Ghalamfarsa](#), M. Mahmoudi, S. Hosseini, A. Ghaderi, Z. Mojtahedi. *Serum auto-antibody against calreticulin as a potential biomarker for detection of colorectal cancer*. 4<sup>th</sup> European Congress of Immunology, Vienna 2015, September 6-9.
- 3- F. Jadidi-Niaragh, [G. Ghalamfarsa](#), M. Mahmoudi, S. Hosseini, A. Ghaderi, Z. Mojtahedi. *Anti-retinol binding protein 1 auto-antibody is a tumor biomarker for advanced stages of colorectal cancer*. 4<sup>th</sup> European Congress of Immunology, Vienna 2015, September 6-9.
- 4- [Ghasem Ghalamfarsa](#), Mahmoud Mahmoudi, Seyed Vahid Hosseini, Abbas Ghaderi, Zahra Mojtahedi. Differential immune reactivity pattern of SW48 and SW1116 colorectal cancer cell lines with colorectal cancer patients sera. The National Conference on Protein and Peptide Sciences: From Basic to Medical & Industrial Application. Shiraz University 10 & 11 December 2014. Molecular Biology Research Communications 2014; 3 (Suppl. 1): 41
- 5- [Ghalamfarsa G](#), Jadidi-Niaragh F, Khoshnoodi J, Razavi SM, Saboor-Yaraghi AA, Jeddi-

Tehrani M, Shokri F. Antagonistic effects of IL-21 and vitamin A on B cell proliferation from different subsets of chronic lymphocytic leukemia. 12th INTERNATIONAL CONGRESS OF IMMUNOLOGY and ALLERGY, Tehran, April 29th to May 2th 2014. Iranian Journal of Immunology, 11, Supplement 1.

- 6- Jadidi-Niaragh F, [\*Ghalamfarsa G\*](#), Memarian A, Asgarian-Omran H, Razavi S, Sarrafnejad A and Shokri F (2013). Downregulation of IL-17-producing T cells is associated with regulatory T cell expansion and disease progression in chronic lymphocytic leukemia. Front. Immunol. Conference Abstract: 15th International Congress of Immunology (ICI).
- 7- [\*Ghalamfarsa G\*](#), Jadidi-Niaragh F, Khoshnoodi J, Razavi SM, Saboor-Yaraghi AA, Jeddi-Tehrani M, Shokri F (2013). All-Trans-Retinoic Acid Differentially Regulates Proliferation of Normal and Leukemic B Cells From Different Subsets of Chronic Lymphocytic Leukemia . Front. Immunol. Conference Abstract: 15th International Congress of Immunology (ICI).
- 8- [\*Ghalamfarsa G\*](#), Jadidi-Niaragh F, Khoshnoodi J, Razavi SM, Saboor-Yaraghi AA, Jeddi-Tehrani M, Shokri F. Differential regulation of B-cell proliferation by IL21 in different subsets of chronic lymphocytic leukemia. 11th INTERNATIONAL CONGRESS OF IMMUNOLOGY and ALLERGY, Tehran, April 26th to April 29th 2012.

### ***Teaching experience***

From 2016 to present teaching immunology for Medical, Dentist, MSc Microbiology, Biochemistry and Clinical laboratory students.