

Curriculum Vitae



Name: Majid Ahmadi
Sex: Male
Date of Birth: 23.December.1989 - 1368/10/3
Nationality: Iranian
Marital Status: Married

<https://orcid.org/0000-0003-4787-5261>

Qualifications:

- 1- B.Sc. (2012) – Medical Laboratory, Ardebil University of Medical Sciences, Ardebil, Iran
- 2- M.Sc.(2014) – Immunology, Tabriz University of Medical Sciences, School of Medicine, Tabriz, Iran
- 3- PhD. (2019) _ Immunology, Tabriz University of Medical Sciences, School of Medicine, Tabriz, Iran

Phone: +98 4133250677 **Mobile:** +98 9144944668

E-mail: Ahmadi.m@tbzmed.ac.ir , m.ahmadi6892@yahoo.com

Present Work Address: Department of Immunology, School of Medicine, Tabriz University of Medical Sciences, Tabriz, Iran.

Publications:

A) Papers

1. Tohid Gharibi, **Majid Ahmadi** , Narges Seyfizadeh , Farhad Jadidi-Niaragh , Mehdi Yousefi. Immunomodulatory characteristics of mesenchymal stem cells and their role in the treatment of Multiple Sclerosis. *Cellular Immunology* 293 (2015) 113–121
2. Sadeq Eivazi¹, Jafar Majidi, Leili Aghebati Maleki, Jalal Abdolalizadeh, Mehdi Yousefi¹, **Majid Ahmadi**, Somayeh Dadashi, Zahra Moradi¹, Elmira Zolali. Production and Purification of a Polyclonal Antibody Against Purified Mouse IgG2b in Rabbits Towards Designing Mouse Monoclonal Isotyping Kits. *Adv Pharm Bull*, 2015, 5(1), 109-113.
3. Zahra Moradi nebrin, Jafar Majidi, Leili Aghebati Maleki, Tohid Kazemi, Jalal Abdolalizadeh, Somaieh Dadashi, Sadeg Eyvazi, **Majid Ahmadi**, Naiemeh Majidi zolbanin. Polyclonal Antibody Production against Mouse Purified IgG2a towards Use in Basic Research. *Research in Molecular Medicine*, 2016; 4 (1): 30-35.
4. Sanam Dolati, Sanam Sadreddini, Davoud Rostamzadeh, **Majid Ahmadi**, Farhad Jadidi-Niaragh, Mehdi Yousefi. Utilization of nanoparticle technology in rheumatoid arthritis treatment. *Biomedicine & Pharmacotherapy* 80 (2016) 30–41.
5. Davood Rostamzadeh, Seyed Rasol Razavi, Shadi Esmaili, Sanam Dolati, **Majid Ahmadi**, Sanam Sadreddini, Farhad Jadidi-Niaragh, Mehdi Yousefi. Application of nanoparticle technology in the treatment of Systemic lupus erythematosus. *Biomedicine & Pharmacotherapy* 83 (2016) 1154–1163.
6. M. Seifi-Najmi , M. Hajivalili, R. Safaralizadeh, S. Sadreddini, S. Esmaili, R. Razavi, **M. Ahmadi**, H. Mikaeili, B. Baradaran, K. Shams-Asenjan, M. Yousefi. SiRNA/DOX loaded chitosan based nanoparticles: Development, Characterization and in vitro evaluation on A549 lung cancer cell line. *Cellular and Molecular Biology* .2016, 62 (11): 87-94
7. Morteza Motallebnezhad¹, Vahid Younesi, Leili Aghebati-Maleki, Hamid Nickho, Elham Safarzadeh, **Majid Ahmadi**, Ali Akbar Movassaghpour, Ahmad Hosseini, Mehdi Yousefi. Antiproliferative and apoptotic effects of a specific anti-insulin-like growth factor I receptor single chain antibody on breast cancer cells. *Tumor Biol*. November 2016, Volume 37, Issue 11, pp 14841–14850

8. Hajar Shali, **Majid Ahmadi**, Hossein Samadi Kafil, Abbasali Dorosti, Mehdi Yousefi. IGF1R and c-met as therapeutic targets for colorectal cancer. *Biomedicine & Pharmacotherapy*. 82 (2016) 528–536.
9. Homayoon Siahmansouri, Mohammad Hossein Somi, Zohreh Babaloo, Behzad Baradaran, Farhad Jadidi-Niaragh, Fatemeh Atyabi, Hamed Mohammadi, **Majid Ahmadi**, and Mehdi Yousefi. Effects of HMGA2 siRNA and doxorubicin dual delivery by chitosan nanoparticles on cytotoxicity and gene expression of HT-29 colorectal cancer cell line. *Journal of Pharmacy and Pharmacology*, Volume68, Issue9September 2016Pages 1119-1130
10. Saeed Aslani, Naser Jafari, Mohammad Reza Javan, Jafar Karami, **Majid Ahmadi**, Mahmoud Jafarnejad. Epigenetic Modifications and Therapy in Multiple Sclerosis. *Neuromolecular Medicine*. 19, (2017) 11–23.
11. Samaneh Abdolmohammadi-Vahid, Shahla Danaii, Kobra Hamdi, Farhad Jadidi-Niaragha, **Majid Ahmadi**, Mehdi Yousefi. Novel immunotherapeutic approaches for treatment of infertility. *Biomedicine & Pharmacotherapy* 342 (2016) 454–467
12. **Majid Ahmadi**, Tohid Gharibi, Sanam Dolati, Davood Rostamzadeh, Saeed Aslani, Behzad Baradaran, Vahid Younesi, Mehdi Yousefi. Epigenetic modifications and epigenetic based medication implementations of autoimmune diseases. *Biomedicine & Pharmacotherapy* 87 (2017) 596–608.
13. Mahnaz Ghaebi, Mohammad Nouri, Aliyeh Ghasemzadeh, Laya Farzadi, Farhad Jadidi-Niaragh, **Majid Ahmadi**, Mehdi Yousefi. Immune regulatory network in successful pregnancy and reproductive failures. *Biomedicine & Pharmacotherapy* 88 (2017) 61–73.
14. **Majid Ahmadi**, Samaneh Abdolmohammadi-vahid, Mahnaz Ghaebia, Leili Aghebati-Malekia, Amir Afkham, Shahla Danaii, Sedigheh Abdollahi-Fard, Lida Heidari, Farhad Jadidi-Niaragh, Vahid Younesi, Mohammad Nouri, Mehdi Yousefi. Effect of Intravenous immunoglobulin on Th1 and Th2 lymphocytes and improvement of pregnancy outcome in recurrent pregnancy loss (RPL). *Biomedicine & Pharmacotherapy* 92 (2017) 1095–1102
15. **Majid Ahmadi**, Sanaz Abbaspour aghdam, Mohammad Nouri, Zohreh Babaloo, Laya Farzadi, Aliye Ghasemzadeh, Kobra Hamdi, Ali Akbar Movassaghpour, Farhad Jadidi-Niaragh, Amir Afkham, Morteza Motallebnezhad, Shadi Eghbal-Fard, Sanam Dolati, Vahid Younesi, Mehdi Yousefi. Intravenous immunoglobulin (IVIg) treatment modulates peripheral blood Th17 and regulatory T cells in recurrent miscarriage patients: Non randomized, open-label clinical trial. *Immunology Letters* 192 (2017) 12–19.

16. **Majid Ahmadi**, Samaneh Abdolmohammadi-Vahid, Mahnaz Ghaebi, Leili Aghebati-Maleki, Sanam Dolati, Laya Farzadi, Aliyeh Ghasemzadeh, Kobra Hamdi, Vahid Younesi, Mohammad Nouri & Mehdi Yousefi. Regulatory T cells improve pregnancy rate in RIF patients after additional IVIG treatment. *Systems Biology in Reproductive Medicine* 156(2017) 1-10.
17. Sanam Dolati, Leili Aghebati-Maleki, **Majid Ahmadi**, Faroogh Marofi, Zohreh Babaloo, Hormoz Ayramloo, Zahra Jafarisavari, Hamid Oskouei, Amir Afkham, Vahid Younesi, Mohammad Nouri, Mehdi Yousefi. Nanocurcumin restores aberrant miRNA expression profile in multiple sclerosis, randomized, double-blind, placebo-controlled trial. *Cellular Physiology.*(2018)1-9.
18. Sanam Dolati#, **Majid Ahmadi**#, Mohammad Khalili, Ali Akabar Taheraghdam, Homayoon Siahmansouri, Zohreh Babaloo, Leili Aghebati-Maleki, Farhad Jadidi-Niaragh, Vahid Younesi, Mehdi Yousefi Peripheral Th17/Treg imbalance in elderly patients with ischemic stroke. *Neurological Sciences.* 39 (2018) 1-10.
19. Sanam Dolati, Faroogh Marofi, Zohreh Babaloo, Leili Aghebati-Maleki, Leila Roshangar, **Majid Ahmadi**, Reza Rikhtegar, Mehdi Yousefi. Dysregulated Network of miRNAs Involved in the Pathogenesis of Multiple Sclerosis. *Biomedicine & Pharmacotherapy* 104 (2018) 280–290
20. Amir Afkham^aLeili Aghebat, Maleki^{abc} Homayoon Siahmansouri^c Sanam Sadreddini^a **Majid Ahmadi**^{ab} Sanam Dolati^{ac} Nahid. Manafi Afkham^c Parvin Akbarzadeh^d Farhad Jadidi, Niaragh^{ab} Vahid Younesi^c Mehdi Yousefi. Chitosan (CMD)-mediated co-delivery of SN38 and Snail-specific siRNA as a useful anticancer approach against prostate cancer Volume 70, Issue 3, June (2018), Pages 418-425.
21. Ramyar Azizi, **Majid Ahmadi**, Shahla Danaei, Sedigheh Abdollahi-Fard, Parisa Mosapour, Shadi Eghbal-Fard, Sanam Dolati, Amin Kamrani, Badrossadat Rahnama, Amir Mehdizadeh, Farhad Jadidi-Niaragh, Bahman Yousefi, Mehdi Yousefi. Cyclosporine A improves pregnancy outcomes in women with recurrent pregnancy loss and elevated Th1/Th2 ratio, *J Cell Physiol.* 2019;234:19039-19047
22. Samira Asghari, Amir Valizadeh Dizajeykan, **Majid Ahmadi**, Abolfazl Barzegari, Reza Rikhtegar, Sanam Dolati, Shahla Danaei, Sedigheh Abdollahi-Fard, Mohammad Nouri, Mahdi Mahdipour, Mehdi Yousefi Evaluation of ovarian cancer risk in granulosa cells treated with steroid-depleted endometriosis serum: Role of NF-κB/RelA and AKT. February *J Cell Physiol* , 2019;234:12011–12018.
23. Samaneh Abdolmohammadi Vahid, Mahnaz Ghaebi, **Majid Ahmadi**, Mohammad Nouri, Shahla Danaei, Leili Aghebati-Maleki, Reza Mousavi Ardehaie, Bahman Yousefi, Parvin Hakimi, Mohammad, Hojjat-Farsangi, Reza Rikhtegar, Mehdi Yousefi. Altered T-cell subpopulations in recurrent pregnancy loss patients with cellular immune abnormalities. *J Cell Physiol.* 2019;234:4924–4933.

24. **Majid Ahmadi**, Mehdi Yousefi, Sanaz Abbaspour-Aghdam, Sanam Dolati, Leili Aghebati-Maleki, Shadi Eghbal-Fard, Alireza Khabbazi, Davood Rostamzadeh, Shahriar Alipour, Mahdi Shabani, Mohammad Nouri, Zohreh Babaloo. Disturbed Th17/Treg balance, cytokines, and miRNAs in peripheral blood of patients with Behcet's disease, *J Cell Physiol* 2019;234:3985–3994.
25. **Majid Ahmadi**, Mahnaz Ghaebi, Samaneh Abdolmohammadi-Vahid, Sanaz Abbaspour-Aghdam, Kobra Hamdi, Sedigheh Abdollahi-Fard, Shahla Danaii, Parisa Mosapour, Ladan Koushaeian, Sanam Dolati, Reza Rikhtegar, Farnaz Dabiri Oskouei, Mehdi Yousefi. NK cell frequency and cytotoxicity in correlation to pregnancy outcome and response to IVIG therapy among women with recurrent pregnancy loss. *J Cell Physiol*. 2019;234:9428–9437.
26. **Majid Ahmadi**, Gisoo Jabalie, Ladan Koushaeian, Shadi Eghbal-Fard, Amir Mehdizadeh, Amin Kamrani, Sedigheh Abdollahi-Fard, Laya Farzadi, Mohammad Hojjat-Farsangi, Mohammad Nouri, Mehdi Yousefi, Metabolic syndrome mediates proinflammatory responses of inflammatory cells in preeclampsia, *Am J Reprod Immunol*. 2019;e13086 1-14.
27. Davood Rostamzadeh, Mehdi Yousefi, Mohammad Reza Haghshenas, **Majid Ahmadi**, Sanam Dolati, Zohreh Babaloo, mTOR Signaling pathway as a master regulator of memory CD8+ T-cells, Th17, and NK cells development and their functional properties. *J Cell Physiol*. 2019;234:12353-12368
28. Amin Kamrani, Amir Mehdizadeh, Majid Ahmadi, Leili Aghebati-Maleki, Mehdi Yousefi. Therapeutic approaches for targeting receptor tyrosine kinase like orphan receptor in cancer cells. *Expert Opinion on Therapeutic Targets*. Volume 23, 2019 - Issue 5
29. Sara Jafarzadeh, **Majid Ahmadi**, Sanam Dolati, Leili Aghebati-Maleki, Shadi Eghbal-Fard, Amin Kamrani, Behboud Behrad, Leila Roshangar, Farhad Jadidi-Niaragh, Bahman Yousefi, Mahdi Mehdipour, Laya Farzadi, Mehdi Yousefi. Intravenous immunoglobulin G treatment increases live birth rate in women with recurrent miscarriage and modulates regulatory and exhausted regulatory T cells frequency and function. *J Cell Biochem*. 2019;120:5424-5434.
30. Hanieh Heydarlou, Shadi Eghbal-Fard, **Majid Ahmadi**, Leili Aghebati-Maleki, Mehdi Yousefi. Investigation of follicular helper T cells, as a novel player in preeclampsia. *J Cell Biochem*. 2019;120:3845-3852.
31. Mehrzad Hajjalilo, Sanam Dolati, Samaneh Abdolmohammadi-Vahid, **Majid Ahmadi**, Amir Mehdizadeh, Mehdi Yousefi. Nanocurcumin: A novel strategy in treating ankylosing spondylitis by modulating Th17 cells frequency and function. *J Cell Biochem*. 2019;120:12027-12038.

32. Mahnaz Ghaebi, Samaneh Abdolmohammadi-Vahid, **Majid Ahmadi**, Shadi Eghbal-Fard, Sanam Dolati, Mohammad Nouri, Mehdi Talebi, Kobra Hamdi, Farooq Marofi, Leili Aghebati-Maleki, Farhad Jadidi-Niaragh, Masoume Dopour, Mehdi Yousefi. T cell Subsets in Peripheral Blood of Women with Recurrent Implantation Failure. *Journal of Reproductive Immunology* 131 (2019) 21–29.
33. Shadi Eghbal-Fard, Mehdi Yousefi, Hanieh Heydarlou, **Majid Ahmadi**, Simin Taghavi, Aliakbar Movasaghpour, Farhad Jadidi-Niaragh, Bahman Yousefi, Sanam Dolati, Mohammad, Hojjat-Farsangi, Reza Rikhtegar, Mohammad Nouri, Leili Aghebati-Maleki. The imbalance of Th17/Treg axis involved in the pathogenesis of preeclampsia. *J Cell Physiol.* 2019;234:5106–5116.
34. Leili Aghebati-Maleki, Sanam Dolati, Reza Zandi, Ali Fotouhi, **Majid Ahmadi**, Ali Aghebati, Mohammad Nouri, Seyed Kazem Shakouri, Mehdi Yousefi, Prospect of mesenchymal stem cells in therapy of osteoporosis: A review. *J Cell Physiol.* 2019;234:8570–8578.
35. Ali Fotouhi, **Majid Ahmadi**, Ali Aghebati, Leili Aghebati-Maleki, Sanam Dolati, Reza Zandi, Mohammad Nouri, Seyed Kazem Shakouri, Mehdi Yousefi. Prospect of mesenchymal stem cells in therapy of osteoporosis: A review. *J Cell Physiol.* 2019;234:8570–8578.
36. Sanam Dolati, **Majid Ahmadi**, Leili Aghebati-Maleki, Abbas Nikmaramd, Farooq Marofif, Reza Rikhtegar, Hormoz Ayromlou, Mehdi Yousefi. Nanocurcumin is a potential novel therapy for multiple sclerosis by influencing inflammatory mediators. **Pharmacological Reports.** 2018.
37. Sanam Dolati, Zohreh Babaloo, Hormoz Ayromlou, **Majid. Ahmadi**, Reza Rikhtegar, Davood Rostamzadeh, Leila Roshangar, Mohammad Nouri, Amir Mehdizadeh, Vahid Younesi, Mehdi Yousefi. Nanocurcumin improves regulatory T-cell frequency and function in patients with multiple sclerosis. *Journal of Neuroimmunology.* 2019.
38. Zahra Moradi Nebrin, Jafar Majidi, Leili Aghebati Maleki, Tohid Kazemi, Jalal Abdolalizadeh, Somayeh Dadashi, Sadeg Eivazi, **Majid Ahmadi**, Naeemeh Majidi Zolbanin A simple method for purification of mouse igg2a by ion exchange and affinity chromatography. *Medical Journal Of Tabriz University of Medical Sciences and Health Services.*
39. Dariush Rahban, Forogh Mohammadi, Mehdi Alidadi, Taha Ghantabpour, Pedram Abbasi Ghasem Kheyli and, **Majid Ahmadi***, Genetic polymorphisms and epigenetic regulation of survivin encoding gene, BIRC5, in multiple sclerosis patients, December 2019, *BMC Immunology* 20(1).
40. Ali Aghebati-Maleki, Sanam Dolati, **Majid Ahmadi**, Amir Baghbanzhadeh, Milad Asadi | Ali Fotouhi, Mehdi Yousefi, Leili Aghebati-Maleki, Nanoparticles and cancer therapy:

Perspectives for application of nanoparticles in the treatment of cancers, *J Cell Physiol.* 2019;243:9570–9581.

41. Ladan Koushaeian, Farzaneh Ghorbani, **Majid Ahmadi**, Shadi, Eghbal-Fard, Majid Zamani, Shahla Danaii, Bahman Yousefi, Farhad Jadidi-Niaragh, Kobra Hamdi, Mehdi Yousefi, The role of IL-10-producing B cells in Repeated Implantation Failure patients with cellular immune abnormalities, *Immunology Letters*, 2019.
42. Amin Kamrani, Iraj Alipourfard, Homayoon Ahmadi-Khiavi¹, Mehdi Yousefi, Davood Rostamzadeh, Morteza Izadi, **Majid Ahmadi***, The role of epigenetic changes in preeclampsia, *BioFactors*. 2019;45:712–724.
43. **Majid Ahmadi**, Samaneh Abdolmohamadi-vahid, Mahnaz Ghaebi, Sanam Dolati, Sanaz Abbaspour-Aghdam, Shahla Danaii, Katayoun Berjis, Rahime Madadi-Javid, Zahra Nouri, Homayoon Siahmansouri, Zohreh Babaloo, Mohammad Nouri, Mehdi Yousefi, Sirolimus as a new drug to treat RIF patients with elevated Th17/Treg ratio: A double-blind, phase II randomized clinical trial, *International Immunopharmacology* 74 (2019) 105730 .
44. **Majid Ahmadi**, Mehrzad Hajjalilo, Sanam Dolati, Shadi Eghbal-Fard, Hanieh Heydarlou¹, Mahnaz Ghaebi, Arezou Ghassembaglou, Leili Aghebati-Maleki, Hossein Samadi Kafil, Amin Kamrani, Badrossadat Rahnama, Reza Rikhtegar, Mehdi Yousefi, The effects of nanocurcumin on Treg cell responses and treatment of ankylosing spondylitis patients: A randomized, double-blind, placebo-controlled clinical trial, *J Cell Biochem.* 2019;1-8.
45. Sanam Dolati, **Majid Ahmadi**, Reza Rikhtegar, Zohreh Babaloo, Hormoz Ayromlou, Leili Aghebati-Maleki, Mohammad Nouri, Mehdi Yousefi. Changes in Th17 cells function after nanocurcumin use to treat multiple sclerosis , *International Immunopharmacology*, 61 (2018) 74–81.
46. Sanaz Abbaspour-Aghdam, **Majid Ahmadi***, Saeed Aslani, Yousef Daneshmandpour, Amir Mehdizadeh, Hamed Valizadeh, Amin Kamrani, Alireza Khabbazi, Leila Roshangar, Zohreh Babaloo. Molecular analysis of *CTLA4* gene in patients with Behcet's disease from an Iranian Northwest Azeri population, *Gene Reports*, 2020, In press.
47. Shahla Danai, Sadaf Shiri, Sanam Dolati, **Majid Ahmad**, Leila Ghahremani-Nasab, Atefeh Amiri, Amin Kamrani, Hossein Samadi Kafil, Forough Chakari-Khiavi, Mohammad Hojjat-Farsangi, Aida Malek Mahdavi, Amir Mehdizadeh, and Mehdi Yousefi. The Association between Inflammatory Cytokines and miRNAs with Slow Coronary Flow Phenomenon, *Iran J Allergy Asthma Immunol.* 2020.
48. Mahnaz Ghaebi, Abdolreza Osali, Hamed Valizadeh, Leila Roshangar, **Majid Ahmadi***. Vaccine development and therapeutic design for 2019-nCoV/SARS-CoV-2: Challenges and chances. *J Cell Physiol.* 2020;1–12.
49. Shahla Danaii, Farzaneh Ghorbani, **Majid Ahmadi**, Hossein Abbaszadeh, Ladan Koushaeian, Mohammad Sadegh Soltani-Zangbar, Amir Mehdizadeh, Mohammad

- Hojjat-Farsangif, Hossein Samadi Kafild, Leili Aghebati-Malekig, Mehdi Yousefi IL-10-producing B cells play important role in the pathogenesis of recurrent pregnancy loss, *International Immunopharmacology* 87 (2020) 106806.
50. Morteza Izadi, Safa Tahmasebi, Inna Pustokhina, Alexei Valerievich Yumashev, Tayyebeh Lakzaei, Akbar Ghorbani Alvanegh, Leila Roshangar, Mehdi Dadashpour, Mehdi Yousefi, **Majid Ahmadi*** Changes in Th17 cells frequency and function after ozone therapy used to treat multiple sclerosis patients, *Multiple Sclerosis and Related Disorders*, 46 (2020) 102466.
51. Shahin Alizadeh-Fanalou, Fatemeh Alian, Mina Mohammadhosayni, Dariush Rahbani, Pedram Abbasi Ghasem Kheyli, **Majid Ahmadi*** .Dysregulation of microRNAs regulating survivin in CD4+ T cells in *multiple Sclerosis Multiple Sclerosis and Related Disorders*, 44 (2020) 102303.
52. Ramin Pourakbari, Mohammad Hossein Mousavishenas, Amin Kamrani, Sanam Dolati, Hossein Abbaszadeh, Majid Zamani, Yoda Yaghoubi, Shahriar Hashemzadeh, **Majid Ahmadi**, Mohammad Hojjat-Farsangif, Amir Mehdizadeh, Mehdi Yousefi* Identification of genes and miRNAs associated with angiogenesis, metastasis, and apoptosis in colorectal cancer, *Gene Reports*. 18 (2020) 100552.
53. Ramin Pourakbari, Mojgan Hosseini, Saeed Aslani, Mohammad Hosein Ayoubi-joshaghani, Hamed Valizadeh, Leila Roshangar, **Majid Ahmadi***, Bahareh Shirvani, ** Association between interleukin 2 receptor A gene polymorphisms (rs2104286 and rs12722489) with susceptibility to multiple sclerosis in Iranian population, *Meta Gene* , 25 (2020) 100750.
54. Ali Taghizadieh, Haleh Mikaeili, **Majid Ahmadi ***, Hamed Valizadeh, Acute kidney injury in pregnant women following SARS-CoV-2 infection: A case report from Iran, *Respiratory Medicine Case Reports*, 30 (2020) 101090.
55. Shahla Danaii, Farzaneh Ghorbani, **Majid Ahmadi**, Hossein Abbaszadeh, Ladan Koushaeian, Mohammad Sadegh Soltani-Zangbar, Amir Mehdizadeh, Mohammad Hojjat-Farsangi, Hossein Samadi Kafild, Leili Aghebati-Malekig, Mehdi Yousefi, h, * IL-10-producing B cells play important role in the pathogenesis of recurrent pregnancy loss *International Immunopharmacology* 87 (2020) 106806.
56. Review Lingzhi Zhang, Hamed Valizadeh, Iraj Alipourfard, Ramtin Bidares, Leili Aghebati-Maleki, and **Majid Ahmadi**. Epigenetic Modifications and Therapy in Chronic Obstructive Pulmonary Disease (COPD): An Update, *COPD: JOURNAL OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE* <https://doi.org/10.1080/15412555.2020.1780576>.
57. Ramin Pourakbari, Mohammad Hossein Mousavishenas, Amin Kamrania, Sanam Dolati, Hossein Abbaszadeh, Majid Zamani, Yoda Yaghoubi, Shahriar Hashemzadeh, **Majid Ahmadi**, Mohammad Hojjat-Farsangi, Amir Mehdizadeh, Mehdi Yousefi, Identification of

genes and miRNAs associated with angiogenesis, metastasis, and apoptosis in colorectal cancer *, *Gene Reports*. 18 (2020) 100552.

B) Books:

Essential of Immunology, Khalili, 2016.

Projects:

- 1- **2016 – Executor.** Effect of IVIg on Pregnancy Rate of Patient with Recurrent Implantation Failure with Immunological Causes. *Tabriz University of Medical Sciences*.
- 2- **2016 – Executor.** Effect of IVIg on Pregnancy Rate of Patient with recurrent pregnancy loss with Immunological Causes. *Tabriz University of Medical Sciences*.
- 3- **2016 – Main Collaborator.** Effect of Rapamycin on Pregnancy Rate of Patients with Recurrent Implantation Failure with Immunological Causes. *Tabriz University of Medical Sciences*.
- 4- **2017 - Executor .**The effect of IVIg treatment on the immunological factor and expression of micro-RNA miR-1229 ,miR-133b , miR-223 involved in the reproductive process in patients with Recurrent Implantation Failure with Immunological Causes. *Tabriz University of Medical Sciences*.
- 5- **2018- Executor.** Investigation the effect of IVIg in the number, activity and expression of inhibitory and activating receptor gene of NK cells in recurrent pregnancy loss(RPL) patients with immunological causes, *Tabriz University of Medical Sciences*.
- 6- **2018- Main Collaborator.** .The effects of oral nanocurcumin on expression levels of microRNA and Treg cells development factors in ankylosing spondylitis patients, *Tabriz University of Medical Sciences*.
- 7- **2017 – Main Collaborator.** Lymphocyte profile and immune-inhibitory molecules investigation in Everolimus-treated mouse model of breast cancer and mouse model of colorectal cancer, *Tabriz University of Medical Sciences*.

8- **2017 – Main Collaborator.** The effects of oral Nanocurcumin on expression levels of microRNAs and development factors of Treg cells and Th17 cells in Multiple Sclerosis patients, *Tabriz University of Medical Sciences.*

9- **2017 – Main Collaborator.** Effect of Rapamycin on the Frequency of T reg and Th17 Cells, Expression of miRNA-233, miRNA-1229 in Peripheral Blood Mononuclea Cells and Pregnancy Rate of Paitent with Recurent Implantation Failure with Immunological Causes, *Tabriz University of Medical Sciences.*

10- **2017 – Main Collaborator.** Comparison of immune cells and factors in pre-eclampsia patients and healthy women and evaluation of Th17 cell inhibition in treatment of the disease, *Tabriz University of Medical Sciences.*

11- **2018 – Main Collaborator.** The effects of TIGIT and Lag 3 inhibitory receptors of T cell lymphocyte in preeclampsia patients, *Tabriz University of Medical Sciences.*

12- **2018 – Main Collaborator.** Production of CAR T-Cell Targeting the B-cell tumor-associated antigen CD20, *Tabriz University of Medical Sciences.*

13- **2018 – Main Collaborator.** Effects of Anti-CD20 monoclonal antibody in elderly patients with ischemic stroke, *Tabriz University of Medical Sciences.*

14- **2017 – Main Collaborator.** Frequency and development factors analysis of B cells subsets (Breg, memory B cells, IFN- γ producing B cells) in Recurrent Implantation Failure (RIF) patients, *Tabriz University of Medical Sciences.*

15- **2016 – Main Collaborator.** Investigation of frequency and developmental genes of B cell subsets in recurrent pregnancy loss (RPL) patients compared with healthy women, *Tabriz University of Medical Sciences.*

16- **2016 – Main Collaborator.** Evaluation of expression of genes affecting metastases, angiogenesis, anti-apoptosis and miRNAs in tumor and marginal colon specimens in patients with colon cancer, *Tabriz University of Medical Sciences.*

17- **2017 – Main Collaborator.** Evaluation of Frequency and Function of Th17 and Regulatory T Cells in Behcet Patients and Comparison with Normal People in Azerbaijan, *Tabriz University of Medical Sciences.*

18- **2016 – Main Collaborator.** Immunotherapy of breast cancer by dendritic cells with low doses of GM-CSF and IL-2, *Tabriz University of Medical Sciences.*

19- **2018 – Main Collaborator.** Designing a laboratory kit for the extraction of Stromal vascular fraction (SVF), *Tabriz University of Medical Sciences(SCARM)*

20- **2018 – Main Collaborator.** Effects of Combination Therapy with Engineered Anti-CD19 expressing CIK Cells and TIM-3 Inhibitor in B-CLL, *Tabriz University of Medical Sciences(SCARM).*

21- **2017 – Main Collaborator.** Frequency and function of T follicular lymphocytes in women with preeclampsia in comparison to normal pregnant women, *Tabriz University of Medical Sciences.*

22- **2018 – Main Collaborator.** Evaluation of regulatory T cells and exhausted regulatory T cells frequency and associated epigenetic factors in RPL patients, *Tabriz University of Medical Sciences.*

23- **2018 – Main Collaborator.** Evaluation of the frequency of Treg and exhausted Treg cells and associated miRNAs in peripheral blood of women with recurrent implantation failure (RIF), *Tabriz University of Medical Sciences.*

24- **2018 – Main Collaborator.** Investigation of the effect of the CD73-specific siRNA-loaded nanoparticles on the tumor microenvironment in the breast cancer murine model, *Tabriz University of Medical Sciences.*

Congress and meeting:

1. **Majid Ahmadi.** Evaluation of a simple and rapid protocol for purification of mouse IgG1. 12th ICIA TEHRAN, IRAN. April 29 – May 2, 2014.
2. **Ahmadi M,** Dolati S, Nouri M, Babaloo Z, Farzadi L, Yousefi M . Intravenous immunoglobulin (IVIg) modulates regulatory T cells and improves live birth rate in women with recurrent spontaneous abortion. *Iranian Journal of Reproductive Medicine*, Vol. 15, No. 4 (Suppl. 1), April 2017.
3. **Abdolmohammadi-Vahid S,** Ghaebi M, **Ahmadi M,** Abdollahifard S, Danaii Sh, Mousapour P, Heidari L, Hazrati F, Seyyed Hosseini R, Nouri M, Yousefi MP. Intravenous immunoglobulin (IVIg) modulates regulatory T cells and improves pregnancy outcome in

- patients with repeated implantation failure (RIF). *Iranian Journal of Reproductive Medicine*, Vol. 15, No. 4 (Suppl. 1), April 2017.
4. Abbaspour Aghdam S, **Ahmadi M**, Yousefi M. Effect of intravenous immunoglobulin on Th1 and Th2 lymphocytes and improvement of pregnancy outcome in recurrent pregnancy loss (RPL). *Iranian Journal of Reproductive Medicine*, Vol. 15, No. 4 (Suppl. 1), April 2017.
 5. Ghaebi M, Abdolmohammadi-Vahid S, **Ahmadi M**, Nikmaram A, Farzadi L, Ghasemzadeh A, Hamdi K, Nouri M, Yousefi M. The efficacy of intravenous immunoglobulin (IVIG) in pregnancy success and modulation of Th17 responses in women with recurrent implantation failure (RIF). *Iranian Journal of Reproductive Medicine*, Vol. 15, No. 4 (Suppl. 1), April 2017.
 6. Eghbal-Fard S, **Ahmadi M**, Dolati S, Nouri M, Babaloo Z, Farzadi L, Jadidi Niaragh F, Yousefi M. Intravenous immunoglobulin (IVIG) modulates Th17 cells and improves live birth rate in patients with recurrent spontaneous abortion. *Iranian Journal of Reproductive Medicine*, Vol. 15, No. 4 (Suppl. 1), April 2017.
 7. Bahrami asl Z, **Ahmadi M**, Farzadi L, Ghasemzadeh A, Hamdi K, Babaloo Z, Nouri M, Yousefi M. Successful treatment of recurrent spontaneous abortions (RSA) patients with elevated natural killer cells with intravenous immunoglobulin (IVIG). *Iranian Journal of Reproductive Medicine*, Vol. 15, No. 4 (Suppl. 1), April 2017.
 8. Aghebati-Maleki L, **Ahmadi M**, Nouri M, Babaloo Z, Hamdi K, Yousefi M. Intravenous immunoglobulin (IVIG) modulates natural killer cell and improves live birth rate in women with recurrent pregnancy loss. *Iranian Journal of Reproductive Medicine*, Vol. 15, No. 4 (Suppl. 1), April 2017.
 9. Zahra Pourmoghadam, **Majid Ahmadi**, Mehdi Yousefi. Th17 and regulatory T cells frequency in RIF's patients treated with IVIG. *ImmunoRegulation*, Volume 2. Supplement 1. April 2018.
 10. Haniehheydarlou, **Majid Ahmadi**, Mehdi Yousefi. The frequency and function of Follicular T helper in preeclampsia. *ImmunoRegulation*, Volume 2. Supplement 1. April 2018.
 11. Mahnaz Ghaebi, **Majid Ahmadi**, Mehdi Yousefi. The Immune Profile of Peripheral Blood of Recurrent Implantation Failure Patients. *ImmunoRegulation*, Volume 2. Supplement 1. April 2018.
 12. Shadi Eghbalfard, **Majid Ahmadi**, Mehdi Yousefi. Evaluation of TH17 and Treg Frequency in Preeclampsia Patients. *ImmunoRegulation*, Volume 2. Supplement 1. April 2018.

13. Samaneh Abdolmohammadi Vahid, **Majid Ahmadi**, Mehdi Yousefi. Investigation of T cell subtypes in women with recurrent pregnancy loss and control group. *ImmunoRegulation*, Volume 2. Supplement 1. April 2018.
14. Ramyar Azizi, **Majid Ahmadi**, Mehdi Yousefi. Effect of Cyclosporine on Th1 and Th2 Lymphocytes and Improvement of Pregnancy Outcome in Recurrent Pregnancy Loss (RPL). *ImmunoRegulation*, Volume 2. Supplement 1. April 2018.

Honors:

- 1- Ranking the **fifth** in M.Sc. entrance exam (Ministry of Health) of Medical Immunology (20012).
- 2- Ranking the **fourth** in Ph.D. entrance exam (Ministry of Health) of Medical Immunology (2014).
- ۳- دانشجوی نمونه دانشگاهی در ۲۷ امین جشنواره نمونه در سال ۱۳۹۷
- ۴- محقق برجسته کشوری (موضوع بند کاف) در سال ۱۳۹۸
- ۵- کسب جایزه بنیاد ملی نخبگان جهت گذراندن طرح تحقیقاتی جایگزین خدمت مقدس سربازی در سال ۱۳۹۷
- ۶- عضویت در دفتر استعدادهای درخشان دانشگاه علوم پزشکی تبریز از سال ۱۳۹۷
- ۷- کسب جایزه بزرگ علمی علی پولاد به عنوان محقق برتر دانشگاه علوم پزشکی تبریز در سال ۱۳۹۸