

CURRICULUM VITAE

Last Update: 22- Aug- 2023

Surname: **Fattahi**
First Name: **Mohammad Javad**
Date of Birth: **August 20, 1970**
Place of Birth: **Shiraz, Iran**
Residency: **Shiraz, Iran**
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EDUCATIONS

B.Sc. Degree in Medical Technology, Shiraz University of Medical Sciences, Shiraz–Iran

M.Sc. Degree in Immunology, Shiraz University of Medical Sciences, Shiraz - Iran
(Thesis: *Ctla-4 gene A/G 49 polymorphism in Vitiligo patients. Supervisor: Dr. Mehrnoosh Doroudchi. Thesis Grade: 19.5*)

PhD in Immunology, Department of Pathobiology, School of Public Health, Tehran University of Medical Sciences (TUMS), Tehran, Iran
(Thesis: *Evaluation of the effects of β -D-Mannuronic acid on disease severity and inflammatory markers in patients with ankylosing spondylitis. Supervisor: Prof. Abbas Mirshafiey. Thesis Grade: 20*)

Honors during education:

Honor PhD student of Immunology Department, School of Public Health, Tehran University of Medical Sciences (TUMS), Tehran, Iran, 2012

Scopus citation overview:

Total citations: 806

H-index: 17

Published paper

International Journal:

- 1- **Fattahi, M.J.**, Rehm, B.H.A., Matsuo, H., Aghazadeh, Z., Mirshafiey, A. Evaluation of cell adhesion molecules (LFA-1 and L-selectin) in ankylosing spondylitis patients after treatment with ss-D-mannuronic acid. *Indian Journal of Medical Research*. 2023, 157(5), pp. 453-459
- 2- Jannan Ghapanchi, Mohammad Javad Mokhtari, Maryam Zahed, Shima Torabi Ardekani, **Mohammad Javad Fattahi**, Bijan Khademi, Tahereh Asadabadi, Fatemeh Koohepeima, Shayan Arab, Shahram Avandi, Mohammad Reza Namvaran. Genetic analysis of lncRNA H19 (rs217727) and MIAT (rs1894720) polymorphisms in patients with salivary gland tumors. *Gene Reports* 30 (2023) 101724.
- 3- Kia M, Nekooei F, Alipour AH, Hashemi SMA, Salimi V, **Fattahi MJ**, Lankarani KB, Sarvari J. Investigation of the Seroprevalence of Antimeasles Immunoglobulin G Antibody in Students at Shiraz University of Medical Sciences. *Viral Immunol*. 2023 Jul-Aug;36(6):424-428.
- 4- **Fattahi MJ**, Haghshenas MR, Ghaderi A. Immunometabolism in bladder cancer microenvironment. *Endocr Metab Immune Disord Drug Targets*. 2022; 22(12):1201-1216.
- 5- Mohammad Reza Haghshenas, Mina Roshan Zamir, Mahboubeh Sadeghi, **Mohammad Javad Fattahi**, Kimia Mirshekari, Abbas Ghaderi . Clinical relevance and therapeutic potential of IL-38 in immune and non-immune related disorders. *European Cytokine Network*. 2022 Sep 1;33(3):54-69
- 6- **Fattahi, M.J.**, Sedaghat, F., Malekzadeh, M., Taghipour, M., Ghaderi, A. Endocan serum levels in patients with low- and high-grade meningiomas: does this biomarker have an indicative role? *Egyptian Journal of Neurology, Psychiatry and Neurosurgery* this link is disabled, 2021, 57(1), 92.
- 7- Ghahartars, M., Abtahi, S., Zeinali, Z., **Fattahi, M.J.**, Ghaderi, A. Investigation of $\text{tnf-}\alpha$ and il-6 levels in the sera of non-melanoma skin cancer patients. *Iranian Biomedical Journal* this 2021, 25(2), pp. 88–92.

- 8- Ghahartars, M., Sedaghat, F., Khajavi, E., Ghaderi, A., **Fattahi, M.J***. Investigation of IL-17A Serum Levels in Patients with Nonmelanoma Skin Cancer. *Dermatology Research and Practicethis* 2021 Jun 18;2021:5540163
- 9- Ghahartars, M., Najafzadeh, S., Abtahi, S., **Fattahi, M.J.**, Ghaderi, A. Investigation of Interleukin-27 in the Sera of Nonmelanoma Skin Cancer Patients. *Dermatol Res Pract.*2018 Nov 19;2018:8321302.
- 10- Mardani M, Andishe Tadbir A, Ranjbar MA, Khademi B, **Fattahi MJ**, Rahbar A. Serum Endostatin Levels in Oral Squamous Cell Carcinoma. *Iran J Otorhinolaryngol.* 2018 May;30(98):125-130.
- 11- **Mohammad Javad Fattahi**, Hossein Ahmadi, Fahimeh Jafarnezhad-Ansariha, Seyed Shahabeddin Mortazavi-Jahromi, Bernd H.A. Rehm, Salvatore Cuzzocrea, Hidenori Matsuo, Abbas Mirshafiey. Oral administration effects of β -D-mannuronic acid (M2000) on Th17 and regulatory T cells in patients with ankylosing spondylitis. *Biomedicine & Pharmacotherapy.* 2018; 100: 495–500.
- 12- Ahmadi H, Jamshidi AR, Mahmoudi M, Gharibdoost F, Vojdanian M, **Fattahi MJ**, Rastkari N, Aghazadeh Z, Mirshafiey A. Hematological Improvement of Patients with Active Rheumatoid Arthritis by β -D-Mannuronic Acid (M2000) as a Novel NSAID with Immunosuppressive Property. *Iran J Allergy Asthma Immunol.* 2017 Oct;16(5):433-442.
- 13- **Fattahi MJ**, Jamshidi AR, Mahmoudi M, Vojdanian M, Yekaninejad MS, Jafarnezhad-Ansariha F, Ahmadi H, Rehm BHA, Matsuo H, Cuzzocrea S, Hosseini M, Hashemi SN, Aghazadeh Z, Mirshafiey A. Evaluation of the efficacy and safety of β -d-mannuronic acid in patients with ankylosing spondylitis: A 12-week randomized, placebo-controlled, phase I/II clinical trial. *Int Immunopharmacol.* 2018 Jan; 54:112-117.
- 14- Ahmadi H, Jamshidi AR, Gharibdoost F, Mahmoudi M, Rastkari N, Mostafaei S, **Fattahi MJ**, Vojdanian M, Cuzzocrea S, Rehm BHA, Matsuo H, Hosseini M, Aghazadeh Z, Mortazavi-Jahromi SS, Mirshafiey A. A phase I/II randomized, controlled, clinical trial for assessment of the efficacy and safety of β -D-mannuronic acid in rheumatoid arthritis patients. *Inflammopharmacology.* 2018 Jun; 26(3):737-745
- 15- Ahmadi H, Mahmoudi M, Gharibdoost F, Vojdanian M, Jamshidi AR, **Fattahi MJ**, Aghazadeh Z, Barati A, Mirshafiey A. Targeting of circulating Th17 cells by β -D-

mannuronic acid (M2000) as a novel medication in patients with rheumatoid arthritis. *Inflammopharmacology*. 2018 Feb; 26(1):57-65.

- 16- Roozbehkia M, Mahmoudi M, Aletaha S, Rezaei N, **Fattahi MJ**, Jafarnejhad-Ansariha F, Barati A, Mirshafiey A. The potent suppressive effect of β -D-mannuronic acid (M2000) on molecular expression of the TLR/NF- κ B Signaling Pathway in ankylosing spondylitis patients. *Int Immunopharmacol*. 2017 Sep 19;52: 191-19.
- 17- Jafarnejhad-Ansariha F, Yekaninejad MS, Jamshidi AR, Mansouri R, Vojdanian M, Mahmoudi M, **Fattahi MJ**, Hashemi SN, Rehm BHA, Matsuo H, Esposito E, Cuzzocrea S, Mirshafiey A. The effects of β -D-mannuronic acid (M2000), as a novel NSAID, on COX1 and COX2 activities and gene expression in ankylosing spondylitis patients and the murine monocyte/macrophage, J774 cell line. *Inflammopharmacology*. 2017 Aug 17.
- 18- Hosseini F, Hassannia H, Mahdian-Shakib A, Jadidi-Niaragh F, Enderami S, **Fattahi M**, Anissian A, Mirshafiey A, Kokhaei P. Targeting of crosstalk between tumor and tumor microenvironment by β -D mannuronic acid (M2000) in murine breast cancer model. *Cancer Med*. 2017 Mar;6 (3):640-650.
- 19- Hosseini S, Abdollahi M, Azizi G, **Fattahi MJ**, Rastkari N, Zavareh FT, Aghazadeh Z, Mirshafiey A. Anti-aging effects of M2000 (β -D-mannuronic acid) as a novel immunosuppressive drug on the enzymatic and non-enzymatic oxidative stress parameters in an experimental model. *J Basic Clin Physiol Pharmacol*. 2017 May 1;28(3):249-255
- 20- Nazeri S, Khadem Azarian S, **Fattahi MJ**, Sedaghat R, Tofighi Zavareh F, Aghazadeh Z, Abdollahi M, Mirshafiey A. Preclinical and pharmacotoxicology evaluation of α -l-guluronic acid (G2013) as a non-steroidal anti-inflammatory drug with immunomodulatory property. *Immunopharmacol Immunotoxicol*. 2017 Apr;39(2):59-65.

- 21- **Fattahi MJ**, Abdollahi M, Agha Mohammadi A, Rastkari N, Khorasani R, Ahmadi H, Tofighi Zavareh F, Sedaghat R, Tabrizian N, Mirshafiey A. Preclinical assessment of β -d-mannuronic acid (M2000) as a non-steroidal anti-inflammatory drug. *Immunopharmacol Immunotoxicol*. 2015;37(6):535-40.
- 22- Andisheh-Tadbir A, Hamzavi M, Rezvani G, Ashraf MJ, **Fattahi MJ**, Khademi B, Kamali F. Tissue expression, serum and salivary levels of vascular endothelial growth factor in patients with HNSCC. *Braz J Otorhinolaryngol*. 2014 Nov-Dec; 80(6):503-7.
- 23- Andisheh-Tadbir A, Khademi B, Kamali F, **Fattahi MJ**, Malekzadeh M, Taghva M. Upregulation of serum vascular endothelial growth factor and matrix metalloproteinase-3 in patients with oral squamous cell carcinoma. *Tumour Biol*. 2014 Jun;35(6):5689-93.
- 24- Mardani M, Andisheh-Tadbir A, Khademi B, **Fattahi MJ**, Shafiee S, Asad-Zadeh M. Serum levels of osteopontin as a prognostic factor in patients with oral squamous cell carcinoma. *Tumour Biol*. 2014 Apr;35(4):3827-9.
- 25- **Fattahi MJ**, Mirshafiey A. Positive and negative effects of prostaglandins in Alzheimer's disease. *Psychiatry Clin Neurosci*. 2014 Jan;68(1):50-60.
- 26- **Fattahi MJ**, Mirshafiey A. Prostaglandins and rheumatoid arthritis. *Arthritis*. 2012;2012:239310.
- 27- Mojtahedi Z, Khademi B, Yehya A, Talebi A, **Fattahi MJ**, Ghaderi A. Serum levels of interleukins 4 and 10 in head and neck squamous cell carcinoma. *J Laryngol Otol*. 2012 Feb;126(2):175-9.
- 28- Mojtahedi Z, Hashemi SB, Khademi B, Karimi M, Haghshenas MR, Fattahi MJ, Ghaderi A. p53 codon 72 polymorphism association with head and neck squamous cell carcinoma. *Braz J Otorhinolaryngol*. 2010 Jun;76(3):316-20.

- 29- Mojtahedi Z, Khademi B, Hashemi SB, Abtahi SM, Ghasemi MA, **Fattahi MJ**, Ghaderi A. Serum Interleukine-6 Concentration, But Not Interleukine-18, is Associated with Head and Neck Squamous Cell Carcinoma Progression. *Pathol Oncol Res.* 2011 Mar;17(1):7-10

- 30- Mahjour SB, Ghaffarpasand F, **Fattahi MJ**, Ghaderi A, Fotouhi Ghiam A, Karimi M. Seroprevalence of Human Herpes Simplex, Hepatitis B and Epstein-Barr Viruses in Children with Acute Lymphoblastic Leukemia in Southern Iran. *M. Pathol Oncol Res.* 2010 Dec;16(4):579-82.

- 31- Mojtahedi Z, Haghshenas MR, Hosseini SV, **Fattahi MJ**, Ghaderi A. p 53 codon 72 polymorphism in stomach and colorectal adenocarcinomas in Iranian patients. *Indian J Cancer.* 2010 Jan-Mar;47(1):31-4.

- 32- Ghabanchi J, **Fattahi MJ**, Mardani M, Tadbir AA, Paydar AA. Polymorphism of Tumor Protein p53 Codon 72 Showed No Association With Oral Lichen Planus in Shiraz, Iran. *The Journal of Craniofacial Surgery* Volume 20, Number 6, November 2009.

- 33- **Fattahi MJ**, Mojtahedi Z, Karimaghaee N, Talei AR, Banani SJ, Ghaderi A. Analysis of BRCA1 and BRCA2 mutations in southern Iranian Breast cancer patients. *Arch Iran Med.* 2009 Nov;12(6):584-7.

- 34- Haghighi AB, Ittehad H, Nikseresht AR, Rahmati J, Poorjahromi SG, Pourabbas B, Nazarinia MA, Habibagahi Z, **Fattahi MJ**, Ghaderi A. CSF levels of cytokines in neuro-Behçet's disease. *Clin Neurol Neurosurg.* 2009 Jul;111(6):507-10.

- 35- Dehaghani AS, Kashef MA, Ghaemenia M, Sarraf Z, Khaghanzadeh N, **Fattahi MJ**, Ghaderi A. PDCD1, CTLA-4 and p53 gene polymorphism and susceptibility to gestational trophoblastic diseases. *J Reprod Med.* 2009 Jan;54(1):25-31.

- 36- Samsami Dehaghani A, Shahriary K, Kashef MA, Naeimi S, Fattahi MJ, Mojtahedi Z, Ghaderi A. Interleukin-18 gene promoter and serum level in women with ovarian cancer. *Mol Biol Rep.* 2009 Nov;36(8):2393-7.
- 37- Ahmad AE, Dehaghani AS, Shaker M, **Fattahi MJ**. Clinical value of tumor markers in gestational trophoblastic diseases. *J Reprod Med.* 2008 Dec; 53(12):930-4.
- 38- Kashef MA, Samsami Dehaghani A, Naeimi S, **Fattahi MJ**, Ghaderi A. Interleukin-18 gene promoter polymorphisms in women with gestational trophoblastic diseases. *The Journal of Reproductive Medicine. J Reprod Med.* 2008 Nov;53(11):853-859.
- 39- Dehaghani AS, Rad NR, **Fattahi MJ**, Khadang B, Kashef MA, Sarraf Z, Ghaderi A. Investigation of soluble HER2 and transforming growth factor Beta-1 serum levels in gestational trophoblastic disease. *Pathol Oncol Res.* 2009 Mar;15(1):37-40. Epub 2008 Oct 31.
- 40- Hadinia A, Hossieni SV, Erfani N, Saberi-Firozi M, **Fattahi MJ**, Ghaderi A. CTLA-4 gene promoter and exon 1 polymorphisms in Iranian patients with gastric and colorectal cancers. *J Gastroenterol Hepatol.* 2007 Dec;22(12):2283-7.
- 41- Khadang B, **Fattahi MJ**, Talei A, Dehaghani AS, Ghaderi A. Polymorphism of TP53 codon 72 showed no association with breast cancer in Iranian women. *Cancer Genet Cytogenet.* 2007 Feb;173(1):38-42.
- 42- **Fattahi MJ**, Pezeshki AM, Emad M, Lohrasb MH, Shamseddin A, Ghaderi A, Doroudchi M. Lack of association between ctla-4 A49G polymorphism and vitiligo. *Iranian Journal of Immunology, Spring 2005,2(2) :98-103.*

1. Mojtaba Habibagahi, Mansooreh Jaberipour, **Mohammad Javad Fattahi**, Seyed Basir Hashemi, Mahmood Shariati. High Concentration of Serum Soluble Fas in Patients with Head and Neck Carcinoma: A Comparative Study Before and After Surgical Removal of Tumor. *Middle East Journal of Cancer*. Vol. 1, No. 1, January 2010.
2. Apolipoprotein E4 allele and the risk of left ventricular dysfunction in thalassemia major. **M Bazrgar, M Karimi, F Peiravian, M Fathzadeh, MJ Fattahi**. *Iranian Cardiovascular Research Journal*. [Volume 1 No. 1 Jun. 2007](#).

SELECTED PRESENTATIONS

International Congress:

- 1- **MJ Fattahi**, A Faraji, A Samsami Dehaghani, T Kazerooni, AA Ghaderi. Analysis Serum Level of TGF-B1 and IL-18 in Post Menopausal Osteoporotic and Non-Osteoporotic Women. *10th International Congress of Immunology & Allergy of Iran, May 18-20, 2010; Tehran- Iran*
- 2- B Khademi, A Talebi, A Yehya, **MJ Fattahi**, M Malekzadeh Shirvani, Z Mojtahedi, AA Ghaderi. Analysis of IL-4 and IL-10 Serum Levels in Patients with Head and Neck Squamous Cell Carcinoma (HNSCC). *10th International Congress of Immunology & Allergy of Iran, May 18-20, 2010; Tehran- Iran*
- 3- S Rahnama, **Mj fattahi**, Z Nazari, M habib agahi. High Concentration of serum soluble FAS in patients with Head and neck Carcinoma: A comparative study before and after Surgical removal of Tumor. *10th International Congress of Immunology & Allergy of Iran, May 18-20, 2010; Tehran- Iran*
- 4- **Mohammad Javad Fattahi**, Khatereh Shahryari, Minoo Robati, Alamtaj Samsami Dehaghani, Abbas Ghaderi. Serum level of IL-18 in patients with ovarian carcinoma. *The 1st International Gynecology Oncology Congress; Mashhad, Iran: October 10-12, 2008*.
- 5- Mohammad Reza Haghshenas, Sharareh Solati, **Mohammad Javad Fattahi**, Minoo Robati, Abbas Ghaderi, Alamtaj Samsami. Detection of soluble HER-2 and its allele and genotype frequency in epithelial ovarian cancer. *The 1st International Gynecology Oncology Congress; Mashhad, Iran: October 10-12, 2008*.
- 6- **Fattahi MJ**, Talei A, Ghaderi A. BRCA1 and BRCA2 mutations in Iranian familial breast cancer. *International Conference Recent Advances in Clinical Oncology. February 19-22, 2007. Al Ain, United Arab Emirates*.

- 7- Samsami Dehaghani A, Rahimi Rad N, **Fattahi MJ**, Ghaderi A. Soluble HER-2 and TGF-B1 in gestational trophoblastic disease(GTD). *The 16th European Congress of Immunology*. September 6-9, 2006. **Paris**, France.
- 8- **Fattahi MJ**, Talei AR,, Samsami dehaghani A, Doroudchi M, Ghaderi A. Investigation of p53 gene codon 72 polymorphism in Iranian patients with breast cancer. *The 3th Regional Conference of Asian Pacific Organization for Cancer Prevention (APOCP)*, 25-27, April, 2005. Zibakenar, Rasht, IR of Iran
- 9- Doroudchi M, Ghayoomi SMA, Pezeshki AM, **Fattahi MJ**, Ghaderi A. p53 codon 72 polymorphism in Iranian lung cancer patients. . *The 3th Regional Conference of Asian Pacific Organization for Cancer Prevention (APOCP)*, 25-27, April, 2005. Zibakenar, Rasht, IR of Iran.

Iranian Congress:

1. Fattahi MJ, Tavazoo F, Dehaghani AS, Alborzi S, Ghaderi A. Determination of antiovarian antibodies after laparoscopic ovarian electrocauterization in patients with polycystic ovary syndrome. *16th Congress of Iranian Society for Reproductive Medicine*, 3-5 March, 2010 Shiraz-Iran.
2. Mohammad Javad Fattahi, Seid Mohammad Bagher Abtahi, Bizhan Khademi, Abbas Ghaderi. Serum Level of IL-6 in patients with Head & Neck squamous Cell Carcinoma (HNSCC). *The 9th Iranian Congress of Immunology & Allergy*, June 18-20, 2008. *Tehran, Iran*
3. **Mohammad Javad Fattahi**, Mohammad Ali Ghasemi, Bizhan Khademi, Abbas Ghaderi. Serum Level of IL-18 in patients with Head & Neck squamous Cell Carcinoma (HNSCC). *The 9th Iranian Congress of Immunology & Allergy*, June 18-20, 2008. *Tehran, Iran*
4. Sharareh Solati Dalaki, Alamtaj samsami, Mohammad Reza Haghshenas, **Mohammad javad Fattahi**, Abbas Ghaderi, Zahra Sarraf, Minoo Robati
Detection of soluble HER-2 and its allele and genotype frequency in epithelial ovarian cancer. *The 9th Iranian Congress of Immunology & Allergy*, June 18-20, 2008. *Tehran, Iran*
5. **Mohammad Javad Fattahi**, Akbar Rajaei, Nasrollah Erfani, Abbas Ghaderi. Serum levels of CA125, CA19.9 and AFP in Iranian Patients with Scleroderma. *The 8th Iranian Congress of Immunology & Allergy*. **Tehran**, 16-18 May 2006.
6. B. Khadang, **MJ Fattahi**, A Talei, A Samsami Dehaghani, Ghaderi A. investigation of P53 codon 72 polymorphism in southern Iranian patients with breast cancer. *Breast Cancer Congress*, 9/10th November 2006, **Tehran-ran**.

7. **Fattahi MJ**, Pezeshki AM, Emad M, Lohrasb MH, Shamseddin A, Ghaderi A, Doroudchi M. Ctl-4 gene A/G 49 polymorphism in vitiligo patients. *The 7th Iranian Congress of Immunology and Allergy, Mashhad-Iran, May, 4-6, 2004.*
8. Doroudchi M, Kalantari T, **Fattahi MJ**, Yeganeh F, Pezeshki AM, Samsami Dehaghani A, Ghaderi A. Ctl-4 gene A/G 49 polymorphism in Iranian normal individuals: Evidence of a Caucasian Origin. *The 7th Iranian Congress of Immunology and Allergy, Mashhad-Iran, May, 4-6, 2004.*

TEACHING EXPERIENCES:

- 1- The theoretical and technical courses to MSc and PhD students and practical laboratory methods for BSc of Biology and Microbiology, MSc of Immunology and MD students.

TECHNICAL EXPERIENCES:

Immunology: Flowcytometry, Immunofluorescence (ASMA, AMA, LKM, Listeria), HLA Typing, WBC Cross Match, Panel Reactivity, ELISA, Immunoagglutination, CH50, SRID, SDS PAGE, Immunohistochemistry.

Molecular biology: Real-time PCR, Primer designing, PCR-RFLP, PCR-SSCP, ARMS-PCR, DNA and RNA isolation and purification from whole blood, fresh tissue and tissue blocks.

Computer skills: Biostatistics (SPSS, EpiInfo), EndNote, Flowcytometric analysis using FlowJo software package

Hematology: Hb electrophoresis

Biochemistry: Protein electrophoresis, Clinical diagnostic tests.

Microbiology: Isolation, screening and identification of bacteria and Antibiotic screening.

REFEREES:

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