

# Curriculum Vitae



## *Personal information*

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**Place of Birth:** Gonabad-Iran

**Nationality:** Iranian

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## *Academic/Educational Background*

- 2013–2019 Received Ph.D. in Clinical Biochemistry from Kerman University of Medical Sciences, Kerman, Iran.
- 2011–2013 Received M.Sc. in Clinical Biochemistry from Tehran University of Medical Sciences, Tehran, Iran.
- 2007–2011 Received B.Sc. in Biology from Sistan & Baluchestan University, Zahedan, Iran.

## *M.S thesis*

- ✓ Preparation of monoclonal antibody against cytokeratin 19

## ***Ph.D thesis***

- ✓ Effects of in vivo and ex vivo of opium and some polymorphisms on the expression of CD9, CD36 and CD68 genes in peripheral blood monocytes and some oxidant and inflammatory indices in patients with atherosclerosis addicted to opium, non- opium -addicted and healthy subjects

## ***Fellowships***

- ✓ Electronic learning (E-learning) fellowship from Virtual School Shiraz University of Medical Sciences. February 2022, Shiraz, IRAN

## ***Papers***

- **Momeni Moghaddam MA**, Rostamian M, Mohebbati R (2025) Berberis vulgaris and its role in atherosclerosis improvement: A review of in vitro and in vivo data. Avicenna Journal of Phytomedicine
- **Momeni-Moghaddam MA**, Asadikaram G, Masoumi M, Arababadi MK, Sadeghi E, Khaksari M, Akbari H (2025) Potential Effects of Opium on Pro-Inflammatory Cytokines in Coronary Artery Disease by Interfering with Anti-inflammatory Drugs. Current Molecular Medicine
- Saharkhiz S, Pouladkhay F, Ghorbani F, Afzali F, Bajestan FS, Hajavi J, **Momeni-Moghaddam MA**, Zamani M (2025) Association between ABO (H) secretory status and rheumatoid arthritis. Gene Reports 39:102193.
- Mohebbati R, **Moghaddam MaM** (2025) The Role of Red Blood Cells in Cholesterol Accumulation and Atherosclerotic Plaque Instability: A Perspective on Atherosclerosis. Current Cardiology Reviews
- Bastin A, Netticadan T, Abbasi F, Rahimi N, Mahmoodi M, Alizadeh M, Movahed A, **Momeni-Moghaddam MA** (2025) Effects of resveratrol on inflammatory cytokines in COVID-19 patients: a randomized, double-blinded, placebo-controlled clinical trial. Molecular and Cellular Biochemistry 1-8.
- **Momeni-Moghaddam MA**, Rostamian M (2025) Enhancing Students' Learning and Satisfaction in Biochemistry Courses: The Impact of Flipped Classroom and Teamwork. Research in Medical Education 23-33.

- **Momeni-Moghaddam MA**, Abbasnezhad A, Ebadi AH, Mohebbati R (2025) Chenopodium botrys Extract Affects Acute Kidney Injury Caused by Rhabdomyolysis in Rats Through TNF/NF-κB Signaling Pathway. Food Science & Nutrition 13:e4667.
- Najafi A, **Momeni-Moghaddam MA**, Amini Beidokhti N, Rahmani M, Khorasani M (2024) Association of Interleukin-1 Antagonist Receptor Gene Polymorphism (rs2236663) and Type 2 Diabetes in Gonabad city. Journal of Arak University of Medical Sciences 27:0-0.
- **Momeni-Moghaddam MA**, Asadikaram G, Akbari H, Abolhassani M, Masoumi M, Nadimy Z, Khaksari M (2019) CD36 gene polymorphism rs1761667 (G> A) is associated with hypertension and coronary artery disease in an Iranian population. BMC cardiovascular disorders 19:1-9.
- Sadeghi A, Niknam M, **Momeni-Moghaddam MA**, Shabani M, Aria H, Bastin A, Teimouri M, Meshkani R, Akbari H (2023) Crosstalk between autophagy and insulin resistance: Evidence from different tissues. European Journal of Medical Research 28:456.
- Bastin A, Shiri H, Zanganeh S, Fooladi S, **Momeni Moghaddam MA**, Mehrabani M, Nematollahi MH (2021) Iron chelator or iron supplement consumption in COVID-19? The role of iron with severity infection. Biological trace element research 1-11.
- **Momeni-Moghaddam MA**, Chahkandi H, Amini Beidokhti N, Rahmani M, Salarbashi D, Khorasani M (2024) Angiotensin-converting enzyme I/D gene polymorphism and risk of type 2 diabetes mellitus in Iranian individuals. Nucleosides, Nucleotides & Nucleic Acids 1-10.
- Juybari KB, Ebrahimi G, **Moghaddam MaM**, Asadikaram G, Torkzadeh-Mahani M, Akbari M, Mirzamohammadi S, Karimi A, Nematollahi MH (2018) Evaluation of serum arsenic and its effects on antioxidant alterations in relapsing-remitting multiple sclerosis patients. Multiple sclerosis and related disorders 19:79-84.
- Karimi A, Bahrampour K, **Moghaddam MaM**, Asadikaram G, Ebrahimi G, Torkzadeh-Mahani M, Tarzi ME, Nematollahi MH (2017) Evaluation of lithium serum level in multiple sclerosis patients: A neuroprotective element. Multiple sclerosis and related disorders 17:244-248.
- **Momeni-Moghaddam MA**, Asadikaram G, Masoumi M, Sadeghi E, Akbari H, Abolhassani M, Farsinejad A, Khaleghi M, Nematollahi MH, Dabiri S (2022) Opium may affect coronary artery disease by inducing inflammation but not through the expression of CD9, CD36, and CD68. Journal of Investigative Medicine 70:1728-1735.

- Mohebbati R, **Momeni-Moghaddam MA**, Asghari R, Abbasnezhad A, Bideskan AEZ, Salarbashi D, Khajavian N (2024) The comparison of the effects of nano-silymarin and silymarin on high-fat diet-induced fatty liver of adult male rats. *Avicenna Journal of Phytomedicine* 14:365.
- **Momeni-Moghaddam MA**, Asadikaram G, Nematollahi MH, Tarzi ME, Faramarz-Gaznagh S, Mohammadpour-Gharehbagh A, Arababadi MK (2020) Effects of cigarette smoke and opium on the expression of CD9, CD36, and CD68 at mRNA and protein levels in human macrophage cell line THP-1. *Iranian Journal of Allergy, Asthma and Immunology* 45-55.
- Tabrizi R, Sarihi S, Moazzen F, Hosseini-Bensenjan M, Malekpour F, Asadikaram G, **Momeni-Moghaddam MA**, Akbari H (2021) A systematic review and meta-analysis on blood lead level in opium addicts: An emerging health threat. *Biological Trace Element Research* 199:3634-3641.
- Sedaghat M-R, Shiri H, Tavakkol-Afshari J, Norouzmahani M-E, Bahri F, Fooladi S, Momeni-Moghaddam H, Danesh Z, Nikpoor AR, **Momeni-Moghaddam MA** (2024) Impact of a 50bp insertion/deletion polymorphism of the superoxide dismutase-1 on oxidative stress status and risk of keratoconus. *Experimental Eye Research* 238:109742.
- Vakili S, Savardashtaki A, **Momeni Moghaddam MA**, Nowrouzi P, Khabbaz Shirazi M, Ebrahimi G (2017) The effects of saffron consumption on lipid profile, liver enzymes, and oxidative stress in male hamsters with high fat diet. *Trends in Pharmaceutical Sciences* 3:201-208.
- Rezaee M, Akbari H, **Momeni-Moghaddam MA**, Moazzen F, Salahi S, Jahankhah R, Tahmasebi S (2021) Association of C677T (rs1081133) and A1298C (rs1801131) methylenetetrahydrofolate reductase variants with breast cancer susceptibility among asians: a systematic review and meta-analysis. *Biochemical Genetics* 59:367-397.
- Ghahremani H, Farshad S, Amini NH, Kashanian S, **Momeni MMA**, Moradi N, Paknejad M (2015) Characteristics of 26 kDa antigen of H. Pylori by Monoclonal Antibody.
- **Momeni Moghaddam MA**, Abdi S, Mohebbati R (2024) Gestational diabetes insipidus and vasopressinase enzyme role; review article. *Navid* No 27:42-50.
- Nasrollahzadeh R, **Momeni Moghaddam MA**, Salarbashi D, Khorasani M (2023) Association between IL-4 Gene VNTR Polymorphism and Type 2 Diabetes. *Health research and development* 1:1-8.
- Vakili S, Zal F, Ebrahimi G, Akbari M, **Momeni-Moghaddam MA** (2021) The Effects of Satureja Khuzestanica on Lipid Profile, Liver Enzymes, and Oxidative Stress Markers in Male Hamsters with High Fat Diet. *Sadra Medical Journal* 9:119-130.

## ***Conference Posters***

- Preparation of monoclonal antibody against cytokeratin 19. The 12th International Congress of Immunology and Allergy of Iran 29<sup>th</sup> April-2nd May 2014.
- Effects of opium on the expression of CD36 gene in Coronary Artery Disease. The 16th National Congress of Biochemistry and 7th International Congress of Biochemistry and Molecular Biology, November 2020
- Opium increase the plasma levels of pro-inflammatory cytokines IL-23 and TNF- $\alpha$  in Coronary Artery Disease. The 15th Virtual International Congress of Immunology & Allergy 27-29 January 2021, Ahvaz, IRAN
- Opium consumption does not affect the expression of CD9 tetraspanin in coronary artery disease. The 13th International Congress of Medical Laboratory and Clinic 5-9 February 2022, Tehran, IRAN
- Does opium affects the malondialdehyde in Coronary Artery Disease? The 13th International Congress of Medical Laboratory and Clinic 5-9 February 2022, Tehran, IRAN.
- Effects of opium on TGF- $\beta$  circulating levels in Coronary Artery Disease. The 13th International Congress of Medical Laboratory and Clinic 5-9 February 2022, Tehran, IRAN.
- Effects of Cigarette Smoke and Opium on the CD36 Expression Levels in Human Macrophage THP-1 Cell Line. The 17th International Addiction science congress. 18-20 September 2024, Tehran, IRAN

## ***Reviewer***

- Journal of Affective Disorders
- Pharmacological Reports
- Journal of Diabetes and Metabolic Disorders
- BMC Research Notes
- Journal of Affective Disorders

- Applied Biochemistry and Biotechnology
- Scientific Reports
- Internal Medicine Today
- Bulletin of Pharmaceutical Sciences
- BMC Genomic Data

### ***Laboratory Skills***

- Preparation of monoclonal and polyclonal antibody
- Cell culture
- Restriction fragment length polymorphism (RFLP)
- Real-time PCR (RT-PCR)
- Affinity chromatography
- Purification of proteins, DNA and RNA
- ELISA