

*In the name of God*

## Curriculum Vitae

### PERSONAL INFORMATION

**First name:** Alireza

**Surname:** Ahmadzadeh

**Date of birth:** November 16, 1984

**Nationality:** Iranian

**Email:** a.ahmadzadeh@sbmu.ac.ir/



### Education

- PhD of molecular medicine, Shahid Beheshti University of Medical Sciences, 2011-2015.

### Thesis

**PhD;** investigation of *H. pylori* CagPAI genotype diversity and its association with genes expression related to gastric cancer against pathological finding, supervisor, *Professor Mohamad Reza Zali*.

### HONORS

- Ranked 3<sup>th</sup> in Nationwide Ph.D. Entrance Contest. 2011
- Ranked 1<sup>th</sup> in School of Advanced Technologies in Medicine. 2015
- Gifted Talent Student of Shahid Beheshti University of medical Science. 2015
- Gifted Talent Student of Tehran University. 2009

### Job EXPERIENCE

- Head of the cell and tissue committee in Iranian Food and Drug Ministry of Health, 2016-2022.

### Teaching History

Lesson	Level	year
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Medical genetic	Medical doctor ,Ilam meical university	2016
Cell and molecular biology	Bachelor ,Ilam university	2010
Biochemistry	Bachelor ,Ilam university	2010

## **Books**

- Structural biochemistry,2015
- Post approval changes in biotherapeutic medicines,2021
- Regulations and requirement for plasmapheresis centers,2022

## **Publication**

1. **Ahmadzadeh, A.**, Papaverine increases human serum albumin glycation. Journal of Biological Physics, 2014. **40**(1): p. 97-107.
2. **Ahmadzadeh, A.**, Naloxone inhibits human serum albumin glycation. Journal of Paramedical Sciences, 2014. **5**(3): p. 87-91.
3. **Ahmadzadeh, A.**, Negative effect of noscapine on human serum albumin glycation. Journal of Pharmaceutical Negative Results, 2012. **3**(1): p. 34-37.
4. Abedi, S.H., **Ahmadzadeh, A.**, et al., The role of endoscopic ultrasound in primary pancreatic lymphoma presented with acute pancreatitis: a case report. JOP, 2014. **15**(5): p. 493-6.
5. **Ahmadzadeh, A.,et al.**, Association of cagPAI integrity with severness of Helicobacter pylori infection in patients with gastritis. Journal of Pathol Biol (Paris), 2015. **63**(6):p.252-7.
6. Goodarzi, E., **Ahmadzadeh, A.**, et al., Effect of Lithium Chloride on the Corpus Luteum Formation and Its Angiogenesis in Rat. Acta Endocrinologica-Bucharest, 2013. **9**(4): p. 525-532.
7. **Ahmadzadeh, A.** and F. Azizi, Genes Associated with Low Serum High-density Lipoprotein Cholesterol. Archives of Iranian Medicine, 2014. **17**(6): p. 444-450.
8. Ghalehnoei, H., **Ahmadzadeh, A.**, et al., Relationship between ureB Sequence Diversity, Urease Activity and Genotypic Variations of Different Helicobacter pylori Strains in Patients with Gastric Disorders. Polish Journal of Microbiology, 2016. **65**(2): 153–159.
9. Rashidi M, Bazi A, **Ahmadzadeh A.** et al. The growth inhibitory and apoptotic effects of umbelliprenin in a mouse model of systemic candidiasis. *J Appl Microbiol.* 2023;134(9):lxad201.

10. MA Shokrgozar, H Zali, TM Rezaei, **A Amanzadeh**. COMPARISON OF TWO STAINING ASSAYS; TRYPAN BLUE AND MTT IN VITRO EVALUATION OF HUMAN CALPROTECTIN PROLIFERATION INHIBITION ON HUMAN GASTRIC CANCER CELLS. *Kowsar Med J* 12:127–137.

11. Zamanian Azodi M, Rezaei Tavirani M, Arefi Oskouie A, Hamdih M, Derakhshan MK, **Ahmadzadeh A**, Zayeri F, Nejadia N, Rezaei Tavirani M, Mansourie V, Rostami-Nejad M, Vafae R. Fluoxetine Regulates Ig Kappa Chain C region expression levels in the serum of obsessive-compulsive disorder patients: A proteomic approach. *Iran. J. Pharm. Res.* 2017;16:1264–71.

12. Rashidi M, **Ahmadzadeh A**, Ziai SA, et al. Evaluating cytotoxic effect of nanoliposomes encapsulated with umbelliprenin on 4T1 cell line. *In Vitro Cell Dev Biol-Anim* 2017;53:7–11.

13. abedi SH, **Ahmadzadeh A**, Mohammad Alizadeh AH. Pancreatic squamous cell carcinoma. *Case Rep Gastroenterol.* 2017; 11: 219- 224.

14. Zamanian-Azodi, M., Rezaei-Tavirani, M., Nejadi, N., Arefi Oskouie, A., Zayeri, F., Hamdih, M., Safaei, A., Rezaei-Tavirani, M., **Ahmadzadeh, A.**, Amouzandeh-Nobaveh, A., & Okhovatian, F. (2017). Serum Proteomic Profiling of Obsessive-Compulsive Disorder, Washing Subtype: A Preliminary Study. *Basic and clinical neuroscience*, 8(4), 307–316.

15. Zamanian Azodi M, Rezaei Tavirani M, Arefi Oskouie A, Mansouri V, Hamdih M, Nejadi N, Hamid-pour M, **Ahmadzadeh A**, Rostami-Nejad M, Rezaei Tavirani M, Mortazavi Tabatabaei SA. Introducing Transthyretin as a Differentially Expressed Protein in Washing Subtype of Obsessive-Compulsive Disorder. *Basic Clin. Neurosci.* 2018;9:187–94.

16. Heidari, M. H., Razzaghi, M., Akbarzadeh Baghban, A., Rostami-Nejad, M., Rezaei-Tavirani, M., Zamanian Azodi, M., Zali, A., & **Ahmadzadeh, A.** (2020). Assessment of the Microbiome Role in Skin Protection Against UV Irradiation Via Network Analysis. *Journal of lasers in medical sciences*, 11(3), 238–242.

17. Rezaei Tavirani, M., Khodadoost\*, M., Arjmand, B., Razzaghi, M., **Ahmadzadeh, A.** (2021). '50S Ribosomal Proteins Family is the Main Target of Cinnamon Extract: a Network Analysis', *Research Journal of Pharmacognosy*, (), pp. -. doi: 10.22127/rjp.2021.265776.1659.

18. Reza Vafae, Abdolrahim Nikzamir, Mohhamadreza Razzaghi, Sina Rezaei Tavirani, **Alireza Ahmadzadeh**, MohammadAli Emamhadi. An Investigation of Post-radiation Gene

Expression Profiles: A System Biology Study. J Lasers Med Sci 2020 Autumn;11(Suppl 1):S101-S106.

19. Babak Arjmand, Reza Vafae, Mohhamadreza Razzaghi, Mostafa Rezaei-Tavirani, **Alireza Ahmadzadeh**, Sina Rezaei-Tavirani, Mostafa Hamdieh. Central Proteins of Plasma in Response to Low-Level Laser Therapy Involve in Body Hemostasis and Wound Repair. J Lasers Med Sci 2020 Autumn;11(Suppl 1):S55-S59.

20. Nikzamid, A., Rezaei-Tavirani, M., Razzaghi, M., Rezaei Tavirani, S., Hamzeloo-Moghadam, M., Esmaeili, S., Hatami, B., & **Ahmadzadeh, A.** (2020). Evaluation of long-term consumption of omeprazole disadvantages: a network analysis. Gastroenterology and hepatology from bed to bench, 13(Suppl1), S98–S105.

21. **Ahmadzadeh A**, Goodarzi I, Nejadi N, Nikzamid A R, Karimi P, Feizi , S et al . The effect of LiCl on the corpus luteum formation and angiogenesis. pajoohande. 2015; 20 (3) :130-135.

22. **Ahmadzadeh A**, Feizie M, Ghafarzagdegan R. Effect of Papaverine on Human Serum Albumin Glycation. J. Med. Plants. 2012; 11 (42) :53-61.

23. **Ahmadzadeh A**, Rashidi M, Mohsenifar Z, et al. Examining the effect of *Helicobacter pylori* cagPAI variety on gene expression pattern related to gastric cancer. *Horm Mol Biol Clin Investig.* 2023;44(3):251-258.

## **Projects**

- Evaluation the effects of amolipernin as nanoliposome particles in comparison with free form on 4T1 class cancer cells,2016,shahid Beheshti university of medical science.
- Evaluation of proteomic pattern in serum of patients with obsessive-compulsive disorder,2018, Shahid Beheshti university of medical science.
- Prevalence of resistance to clarithromycin in Helicobacter pylori strains that isolated from patients with gastrointestinal disorder, 2022. Shahid Beheshti university of medical science.
- Examining serum levels of interleukins 6, 22, granzyme B and sCD25 in patients with celiac disease,2022 Shahid Beheshti university of medical science.
- Evaluation of therapeutic effect of Glycyrrhiza glabra plant in improving and accelerating the treatment of patients with Covid 19,2021. Shahid Beheshti university of medical science.
- Determination of proteomic pattern in individual after Methanol intoxication(PhaseII),2022. Shahid Beheshti university of medical science.
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## **Workshop**

- Essay Writing Workshop, Research Institute for Endocrine Sciences, Shahid Beheshti university of medical science,2017.
- lab animals Workshop, Pasteur Institute of Iran,2017.
- real time Workshop, Shahid Beheshti university of medical science,2017.
- quality control of biotechnology products Workshop,IFDA,2018.
- GMP biologic products Workshop,IFDA,2018.
- Risk management workshop,IFDA,2019.
  - Principles and methods of purification validation in drug production processes, IFDA ,2020.

## **CONGRESS**

- 2<sup>th</sup> Iranian congress of proteomics,2009. (Poster Presentation).
- 4<sup>th</sup> congers of laboratory and clinic,2011. (Poster Presentation).
- 8<sup>th</sup> congers of laboratory and clinic,2015. (Poster Presentation).
- 15<sup>th</sup> international and Iranian congress of microbiology,2014. (Poster Presentation).
- 16<sup>th</sup> international and Iranian congress of microbiology,2015. (Poster Presentation).

## **SKILLS**

- Cell culture
- PCR
- Real Time
- Circular dichroism (CD)
- Spectrophotometer(UV, fluorescence,...)
- Chromatography

## **Research interest**

- Medicinal Plants
- Cancer research
- Diabetes research
- Cell therapy