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Academic Degrees:

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| 2014-2017 | Molecular Medicine (PhD), Mashhad University of Medical Sciences, Mashhad, Iran |
| 2012-2014 | Medical Parasitology (MSc), Tehran University of Medical Sciences, Tehran, Iran |
| 2008-2012 | Clinical Laboratory Sciences (BS), Mashhad University of Medical Sciences, Mashhad, Iran |

Work experiences:

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| 2012-2014 | Clinical laboratory technicians, Imam Khomeini hospital, Tehran, Iran |
| 2018-2020 | Assistant professor, Birjand University of Medical Sciences, Birjand, Iran |

Publications:

1. **Bahrami A**, Khazaei M, Hassanian SM, Khazaei M, Gharib M, Rahmani M, et al. The 9p21 locus as a potential therapeutic target and prognostic marker in colorectal cancer. *Journal of cellular physiology*. 2018;19(5):463-74.
2. **Bahrami A**. Anemia is associated with cognitive impairment in adolescent girls: A cross-sectional survey. *J Cell Biochem*. 2020;9(2):165-71.
3. Abdeahad H, Avan A, **Bahrami A***. Angiotensin-converting enzyme gene polymorphism and digestive system cancer risk: A meta-analysis based on 9656 subjects. *IUBMB life*. 2019;120(12):19388-95.
4. Saharkhiz M, Khorasanchi Z, Karbasi S, Jafari-Nozad AM, Naseri M, Mohammadifard M, **Bahrami A***, et al. The association between adherence to a dietary approaches to stop hypertension (DASH) diet and neuro-psychological function in young women. *BMC nutrition*. 2021;7(1):21.
5. Karbasi S, Azaryan E, Zangoie A, Zarban A, **Bahrami A***. Association between adherence to the dietary approaches to stop hypertension (DASH) diet and maternal and infant sleep disorders. *BMC nutrition*. 2022;8(1):103.
6. Allahyari E, Hanachi P, Mirmoosavi SJ, G AF, **Bahrami A***. Association between Cardiometabolic risk factor and responsiveness to vitamin D supplementation: a new approach using artificial neural network analysis. *BMC women's health*. 2021;7(1):7.

7. Asadi Z, Yaghoori-Khorasani M, Ghazizadeh H, Sadabadi F, Mosa-Farkhany E, Darroudi S, **Bahrami A**, et al. Association between dietary inflammatory index and risk of cardiovascular disease in the Mashhad stroke and heart atherosclerotic disorder study population. *Archives of gynecology and obstetrics*. 2020;72(4):706-15.
8. Abdeahad H, **Bahrami A**, Saeedi N, Shabani M, Pezeshki M, Khazaei M, et al. Association between genetic variants at 9p21 locus with risk of breast cancer: A systematic review and meta-analysis. *Pathology, research and practice*. 2020;216(7):152987.
9. **Bahrami A**, Bahrami-Taghanaki H, Khorasanchi Z, Tayefi M, Ferns GA, Sadeghnia HR, et al. The Association Between Neuropsychological Function with Serum Vitamins A, D, and E and hs-CRP Concentrations. 2019;68(2):243-50.
10. Karbasi S, **Bahrami A**, Asadi Z, Shahbeiki F, Naseri M, Zarban A, et al. The association of maternal dietary quality and the antioxidant-proxidant balance of human milk. *International breastfeeding journal*. 2022;17(1):56.
11. **Bahrami A**, Gonoodi K, Khayyat-zadeh SS, Tayefi M, Darroudi S, Bahrami-Taghanaki H, et al. The association of trace elements with premenstrual syndrome, dysmenorrhea and irritable bowel syndrome in adolescents. *European journal of obstetrics, gynecology, and reproductive biology*. 2019;233:114-9.
12. Abdeahad H, **Bahrami A**, Khazaei M, Ferns GA, Erfani M, Fiuji H, et al. Clinical Association between Phospho-AKT Expression with Clinicopathological Characteristics of Gastrointestinal Cancer Patients: A Meta-Analysis. *Nutrition and health*. 2020;30(4):299-309.
13. **Bahrami A**, Hasanzadeh M, ShahidSales S, Yousefi Z, Kadkhodayan S, Farazestanian M, et al. Clinical Significance and Prognosis Value of Wnt Signaling Pathway in Cervical Cancer. 2017;118(10):3028-33.
14. **Bahrami A**, Shahidsales S, Khazaei M, Ghayour-Mobarhan M, Maftouh M, Hassanian SM. C-Met as a potential target for the treatment of gastrointestinal cancer: Current status and future perspectives. *Journal of cellular physiology*. 2017;232(10):2657-73.
15. **Bahrami A**, Khayyat-zadeh SS, Jaber N, Tayefi M, Mohammadi F, Ferns GA, et al. Common Polymorphisms in Genes Related to Vitamin D Metabolism Affect the Response of Cognitive Abilities to Vitamin D Supplementation. 2019;69(1):150-6.
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18. **Bahrami A**, Majeed M, Sahebkar A. Curcumin: a potent agent to reverse epithelial-to-mesenchymal transition. *Cellular oncology (Dordrecht)*. 2019;42(4):405-21.
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20. Fereidouni M, Ferns GA, **Bahrami A**. Current status and perspectives regarding the association between allergic disorders and cancer. 2020;72(7):1322-39.
21. Sadabadi F, Gholoobi A, Heidari-Bakavol A, **Bahrami A**, Momen AA, Mouhebati M, et al. Decreased Threshold of Fasting Serum Glucose for Cardiovascular Events: MASHAD Cohort Study. *The journal of gene medicine*. 2020;9(1):64-70.
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27. **Bahrami A**, Jafari A, Ferns GA. The dual role of microRNA-9 in gastrointestinal cancers: oncomiR or tumor suppressor? *Basic and clinical neuroscience*. 2022;145:112394.
28. **Bahrami A**, G AF. Effect of Curcumin and Its Derivates on Gastric Cancer: Molecular Mechanisms. 2021;73(9):1553-69.
29. Khorasanchi Z, **Bahrami A**, Tavallae S, Mazloun Khorasani Z, Afkhamizadeh M, Khodashenas E, et al. Effect of high-dose vitamin D supplementation on antibody titers to heat shock protein 27 in adolescent girls. 2020;33(5):613-21.
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45. **Bahrami A**, Joodi M, Maftouh M, Ferns GA, M MA, Hassanian SM. The genetic factors contributing to the development of Wilm's tumor and their clinical utility in its diagnosis and prognosis. *Journal of cellular physiology*. 2018;233(4):2882-8.

46. **Bahrami A**, Hasanzadeh M, Shahidsales S, Farazestanian M, Hassanian SM. Genetic susceptibility in cervical cancer: From bench to bedside. *J Cell Biochem*. 2018;233(3):1929-39.
47. **Bahrami A**, Mehramiz M, Ghayour-Mobarhan M, Bahrami-Taghanaki H, Sadeghi Ardekani K, Tayefi M, et al. A genetic variant in the cytochrome P450 family 2 subfamily R member 1 determines response to vitamin D supplementation. *J Cell Biochem*. 2019;38(2):676-81.
48. **Bahrami A**, Khodashenas E, Esmaeili H, Ferns GA, Abdizadeh MF, Ghayour-Mobarhan M, et al. Genetic variants as potential predictive biomarkers in advanced colorectal cancer patients treated with oxaliplatin-based chemotherapy. *J Cell Biochem*. 2018;233(3):2193-201.
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61. **Bahrami A**, Fereidouni M, Pirro M, Bianconi V, Sahebkar A. Modulation of regulatory T cells by natural products in cancer. *Cancer letters*. 2019;459:72-85.
62. Mohamadian M, **Bahrami A**, Moradi Binabaj M, Asgharzadeh F, Ferns GA. Molecular Targets of Curcumin and Its Therapeutic Potential for Ovarian Cancer. 2022;74(8):2713-30.
63. **Bahrami A**, Sadeghnia H, Avan A, Mirmousavi SJ, Moslem A, Eslami S, et al. Neuropsychological function in relation to dysmenorrhea in adolescents. *European journal of obstetrics, gynecology, and reproductive biology*. 2017;215:224-9.
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65. Parsamanesh N, Moossavi M, **Bahrami A**, Fereidouni M, Barreto G, Sahebkar A. NLRP3 inflammasome as a treatment target in atherosclerosis: A focus on statin therapy. *International immunopharmacology*. 2019;73:146-55.
66. Mohamadian M, Ghandil P, **Bahrami A**. A novel homozygous variant in an Iranian pedigree with cerebellar ataxia, mental retardation, and dysequilibrium syndrome type 4. 2020;34(11):e23484.
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69. **Bahrami A**, Hasanazadeh M, Hassanian SM. The Potential Value of the PI3K/Akt/mTOR Signaling Pathway for Assessing Prognosis in Cervical Cancer and as a Target for Therapy. *J Cell Biochem*. 2017;118(12):4163-9.
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73. Abdeahad H, Avan A, **Bahrami A***. The prognostic potential of long noncoding RNA HOTAIR expression in human digestive system carcinomas: A meta-analysis. 2019;234(7):10926-33.
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83. Farahmand SK, Emadzadeh M, Hassankhani GG, Mirbirjandian M, Rafiezadeh T, Abasalti Z, **Bahrami A**. The relationship between short stature and menstrual pattern in a large cohort of Iranian girls. *BioFactors (Oxford, England)*. 2020;40(2):228-32.

84. Mohamadian M, Ahmadi SS, **Bahrami A***, Ferns GA. Review on the Therapeutic Potential of Curcumin and its Derivatives on Glioma Biology. *Neurochemical research*. 2022;47(10):2936-53.
85. Aghabozorgi AS, Bahreyni A, Soleimani A, **Bahrami A**, Khazaei M, Ferns GA, et al. Role of adenomatous polyposis coli (APC) gene mutations in the pathogenesis of colorectal cancer; current status and perspectives. *Molecular cancer*. 2019;157:64-71.
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92. Fereidouni M, Rezapour H, **Bahrami A***. A study of the association of cognitive abilities and emotional function with allergic disorders in young women. 2021;21(1):205.
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96. Parsamanesh N, Moossavi M, **Bahrami A**, Butler AE, Sahebkar A. Therapeutic potential of curcumin in diabetic complications. *BioFactors (Oxford, England)*. 2018;136:181-93.
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100. **Bahrami A**, Hesari A, Khazaei M, Hassanian SM, Ferns GA, Avan A. The therapeutic potential of targeting the BRAF mutation in patients with colorectal cancer. *Journal of cellular physiology*. 2018;233(3):2162-9.
101. **Bahrami A**, Hassanian SM. The Therapeutic Potential of Targeting Tumor Microenvironment in Breast Cancer: Rational Strategies and Recent Progress. 2018;119(1):111-22.
102. **Bahrami A**, Amerizadeh F, ShahidSales S, Khazaei M, Ghayour-Mobarhan M, Sadeghnia HR, et al. Therapeutic Potential of Targeting Wnt/ β -Catenin Pathway in Treatment of Colorectal Cancer: Rational and Progress. *J Cell Biochem*. 2017;118(8):1979-83.
103. Qoorchi Moheb Seraj F, Heravi-Faz N, Soltani A, Ahmadi SS, Shahbeiki F, Talebpour A, **Bahrami A***. Thymol has anticancer effects in U-87 human malignant glioblastoma cells. *Molecular biology reports*. 2022.
104. Shams SF, Eidgahi ES, **Bahrami A***. Urinary tract infections in kidney transplant recipients 1(st) year after transplantation. *J Cell Biochem*. 2017;22:20.

105. **Bahrami A**, Sahebkar A. Vitamin D as a Potential Therapeutic Option in Cancer Treatment: Is There a Role for Chemoprevention? *Anti-cancer agents in medicinal chemistry*. 2020;20(18):2138-49.

Books:

1. The principle of basic genetics and its application, 2021
2. Scientific writing for medical student, 2020

Research Projects:

1. The prevalence and etiology of infections in recipients of kidney transplant at the center of the city of Mashhad Montasariya hospital within 1 year
2. Evaluation of cytotoxic, anti-metastatic and apoptotic effects of harmalin on glioblastoma multiforme cell line (U87)
3. Investigation of cytotoxic and apoptotic effects of Thymol on GBM cell line (U87)
4. Effects of vitamin D supplementation on different aspects of physical and mental health in high school girls in the Mashhad city
5. Investigation of the association between heat shock protein 27 gene and antibody variations with new coronary even mortality and morbidity in an Iranian cohort
6. Evaluation of prevalence of psychological disorders in nurses working in Covid intensive care units in Mashhad
7. Evaluation of eye pressure measurement in rheumatic children treated with long-term corticosteroids
8. Prevalence of uveitis in children with rheumatic problems in the northeast of the country
9. Evaluation of long-term psychosomatic complications of Covid 19 pandemic and their relationship with inflammatory biomarkers in patients discharged from Covid ICUs in Mashhad
10. Evaluation of diagnostic and prognostic value of genetic variants and expression of long non-coding/ microRNA in different cancers: A meta-analysis
11. Assessment of Prooxidant–antioxidant balance (PAB) in patients with allergic disorders and its relationship to total Ig E and eosinophil count
12. Effect of Supplementation with Curcuminoids on the Menstrual problems, Severity of Premenstrual Syndrome and Dysmenorrhea; A randomized, double-blind, placebo-controlled trial
13. Evaluating the association of dietary patterns with the neuropsychological function in subjects with premenstrual syndrome and dysmenorrhea
14. Effect of Curcuminoids Supplement on iron profile in females with premenstrual syndrome and dysmenorrhea
15. Designing a kit to quality control of mother's milk based on the amount of antioxidant power, calcium and protein, its validation and determining the effectiveness of exosomes extracted from breast milk on MCF7 breast cancer cells

16. Evaluation of cytotoxic, anti-metastatic and apoptotic effects of harmalin on glioblastoma multiforme cell line (U87)
17. Investigating the relationship between breast milk quality and psychological disorders and quality of life of mothers
18. The relationship between neonatal urinary antioxidant factors and maternal dietary intake

National and international congresses and conferences:

1. Bahrami A. Body Mass Index is an Independent Risk Factor for Cognitive Abilities in Healthy Adolescents. The first International Congress of " Nutrition: from Laboratory Research to Clinical Studies" (NLRCS), Iran, 2017 (Poster presentation)
2. Bahrami A. Rate of Infectious Complications occurrence in Kidney graft recipients in Mashhad during 2012-2014 , one year after transplantation. International Transplantation congress,Iran 2015 (Poster presentation)
3. Bahrami A. Epidemiology of viral infections in kidney graft recipients in Montaserieh Hospital of Mashhad, International Transplantation congress, Iran, 2015(Oral presentation)
4. Bahrami A. Effects of curcumin on cognitive function scores in woman with premenstrual syndrome and dysmenorrhea: a triple -blind, placebo-controlled clinical trial. 4th International congress of nutrition, Iran, 2022 (Poster presentation)
5. Bahrami A. The relationship between adherence to a dietary approach to stop hypertension (DASH) diet with oxidative stress and antioxidant capacity in young women, 4th International congress of nutrition, Iran Iran, 2022 (Poster presentation)

Skills and techniques:

Primer design; Gene cloning; Protein extraction; Protein purification using chromatographic techniques; Characterization of proteins; PCR, Electrophoresis; SDS-PAGE, and western blotting techniques; Cell culture techniques; Invitro studies ELISA technique; Systematic review; Statistical analysis using Prism, SPSS software; Excel; Endnote; Study design; Communication skills; Writing and editing proposals, manuscripts, team-work ability; etc

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