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Education

2000-2004	Postgraduate Certificate in Nutritional Medicine, University of Surrey, Guildford, UK
2001-2004	Ph.D. in Medicine & Nutrition (Clinical Studies) Department of Medicine, University College London, London, UK
1982-1989	MD (Doctor of Medicine), Kerman University of Medical Sciences, Kerman, Iran
1982	Diploma in Natural Sciences
1981	Diploma in Mathematics and Physics

Work Experience

2023-present	Head, Department of Clinical Nutrition, School of Nutritional Sciences and Dietetics, Tehran University of Medical Sciences, Tehran, Iran
2022-present	Head, National Scientific Board Committee of Nutritional Sciences, Iran
2018-2023	Dean, School of Nutritional Sciences and Dietetics, Tehran University of Medical Sciences, Tehran, Iran
2016-2017	Visiting Professor, Centre of Research Excellence (CRE) in Translating Nutritional Science to Good Health, Royal Adelaide Hospital, Discipline of Medicine, The University of Adelaide, Australia
2016-present	Professor, Department of Clinical Nutrition, School of Nutritional Sciences and Dietetics, Tehran University of Medical Sciences, Tehran, Iran
2016-present	Professor, Department of Disaster Public Health, School of public health, Tehran University of Medical Sciences, Tehran, Iran
2012- 2016	Vice Dean for Education, School of Nutritional Sciences and Dietetics, Tehran University of Medical Sciences, Tehran, Iran
2012- 2016	Vice Dean for Students Affairs, School of Nutritional Sciences and Dietetics,

	Tehran University of Medical Sciences, Tehran, Iran
2012- 2016	Head of Graduate Council, School of Nutritional Sciences and Dietetics, Tehran University of Medical Sciences, Tehran, Iran
2012- 2016	Member of University Educational council; Tehran University of Medical Sciences, Tehran, Iran
2015-2015	Visiting A/Professor, Nutrition in Critically ill patients, Department of Gerontology and Metabolic Care, Medical Faculty, Charles University, Hradec Kralove, Czech Republic
2012-2014	Member of research council; School of Nutritional Sciences and Dietetics, Tehran University of Medical Sciences, Tehran, Iran
2010- 2014	Acting Dean, School of Nutritional Sciences and Dietetics, Tehran University of Medical Sciences, Tehran, Iran
2012- 2016	Associate professor, Department of Clinical Nutrition, School of Nutritional Sciences and Dietetics, Tehran University of Medical Sciences, Tehran, Iran
2012- 2016	Associate professor, Department of Disaster Public Health, School of public health, Tehran University of Medical Sciences, Tehran, Iran
2011-2012	Assistant professor, Department of Disaster Public Health, School of public health, Tehran University of Medical Sciences, Tehran, Iran
2005- 2012	Assistant professor, Department of Nutrition and Biochemistry, School of public health, Tehran University of Medical Sciences, Tehran, Iran
2011-present	Member of Disaster and Emergency Health Academia, Tehran University of Medical Sciences, Tehran, Iran
2010- 2014	Member of Curriculum Revision Committee of Basic Medical Sciences, Medical School, Tehran University of Medical Sciences, Tehran, Iran
2008-2013	Head of Nutritional Congress Organizing Committee, Iranian Nutrition Society, Tehran, Iran
2008-2012	Member of Research Council; Nutrition and Biochemistry Department; School of Public Health; Tehran University of Medical Sciences, Tehran, Iran
2006-2012	Member of Educational council; School of Public Health; Tehran University of Medical Sciences, Tehran, Iran
2001-2004	Research in Basic and Clinical Studies, Whittington Hospital, Middle Sex Hospital and Department of Medicine, University College London, London, UK.

2001-2004	Clinical attachment in obesity Clinic, Addison Building, St. Georges Hospital, London, UK.
2002-2004	Clinical attachment in diabetes and endocrine clinic, Outpatient Department of Middle sex Hospital (University College London Hospitals), London, UK.
2000-2001	Clinical attachment in diabetes and endocrine clinic, Clinical Investigation Department, Surrey County Hospital, Guildford, UK.
1990-1999	Private Practice as a General Practitioner, Kerman and Tehran, Iran
1995-1997	Practice as a General Practitioner in Iranian Companies
1993-1994	Lecturer at Zarand Nursing School, Kerman University of Medical Science, Kerman, Iran.
1991-1994	Head of Sina Hospital, Zarand, Kerman, Iran.

Specialties and techniques

- Well-educated and expert in Nutritional medicine, Clinical Nutrition, Nutrition in critically ill patients, and Nutrition in Disaster
- Attending and conducting related courses and also international workshops
- Well-educated and expert in techniques
 - Cell Culture (Adipocyte Culture)
 - Organ Culture of adipose tissue
 - RNA isolation
 - cDNA Synthesis
 - End-Point Polymerane Chain Reaction (RCR)
 - Taq-man Real time PCR analysis
 - Enzyme–Linked Immunosorbent Assay (ELISA)

Skills

- Experience of more than 19 years of education, mentorship, supervision and teaching of post-graduate students and residents at the best University of the country
- Experience of Diet therapy and management of patients with various diseases concentrating on the effect of Nutrition on the process of diseases and their complications.

- Experience of more than 34 years of practicing medicine and 19 years as a Clinical Nutritionist on diet therapy in Weight Management, Obesity, Diabetes, Cardiovascular Diseases, Renal Diseases, Endocrine disorders and also expert in counselling Nutrition in critically ill patients including Enteral and paraenteral Nutrition, Nutrition in cancer, Nutrition in athletics and sports nutrition.

Teaching

- Basic & advanced nutrition; Clinical nutrition; Nutritional support in critically ill patients, Nutrition and disaster; Nutrition and Diseases; Nutrition and obesity; Nutrition, growth and development; Nutrition and cardiovascular disease; Nutrition and diabetes; Nutrition and cancer; Nutrition and Osteoporosis; Nutrition and elderly; Nutrition and pregnancy; Nutrition and anemia; Nutrition and IDD; Nutrition and dental care; Sports Nutrition
- Course trainer in Clinical Nutrition; Nutrition in critically ill patients, Enteral and parenteral Nutrition, training courses by Tehran University of Medical Sciences
- Course trainer in Nutrition and Disaster; Disaster Health Management & Risk Reduction (DHMR1-2-3-4-5-6-7) training courses were held by Tehran University of Medical Sciences, Disaster and Emergency Management Center and World Health Organization; June- July 2009; May 2011; February 2011; December 2011; March 2015; September 2015

Research (Initiating, planning and executing research projects)

- ❖ The effect of hydrolyzed collagen supplement alone or in combination with fish oil on gut microbiome in patients with burn
- ❖ Effect of diet restricted in advanced glycation end products (low-AGEs) on appetite, energy expenditure, brown adipose tissue activity and nesfatin-1 in patients treated with angioplasty
- ❖ The relationship of nerve growth factor and heat shock protein 60 with coronary artery atherosclerosis
- ❖ To assess the effects of coconut oil consumption on metabolic syndrome indices in adults
- ❖ The relationship between circulating levels of novel adipokines glypican-4 and WISP1 with coronary atherosclerosis in patients with angiography
- ❖ The relationship between dietary insulin index and low carbohydrate diet score with obesity in healthy adult individuals
- ❖ Comparison of dietary inflammatory index and parameters of diet quality between normal weight, overweight and obese adults
- ❖ Effect of diet restricted in advanced glycation end products (low-AGEs) on body composition, vascular adhesion, inflammatory markers, vascular vasodilation (FMD) and omentin in patients treated with angioplasty
- ❖ The study of the effect of nano-curcumin supplementation on endothelial function, serum endocan and homocysteine levels in overweight or obese patients with

- coronary slow flow phenomenon
- ❖ The study of the Nano-Curcumin supplementation effects on serum Visfatin and some inflammatory biomarkers levels in overweight or obese patients of Coronary Slow Flow Phenomenon
- ❖ Efficacy of Vitamin D on serum level of visfatin and vascular endothelial growth factor (VEGF) among Ulcerative Colitis Patients
- ❖ Circulating level of adipolin and Asymmetric Dimethylarginine (ADMA) and their relationship with insulin resistance in normal weight and obese patients with hemodialysis
- ❖ Comparison effects of high-protein high-calorie supplement on wound healing in patients with 20-30 percent burns : controlled double blind clinical trial
- ❖ The effect of quercetin supplementation on plasma level of resistin and its gene expression in peripheral blood mononuclear cells and metabolic risk factors in women with polycystic ovary syndrome
- ❖ Developing a Ready-to-Use Supplementary Food (RUSF) for malnourished children and its impacts on indicators of malnutrition
- ❖ Comparative effects of vitamin D and vitamin C supplements along with endurance physical activity on metabolic syndrome
- ❖ The effects of nanocurcumin supplementation along with weight loss diet and physical activity on insulin resistance index, lipids, inflammatory factors and nesfatin in overweight and obese patients with non-alcoholic fatty liver disease (NAFLD)
- ❖ Effect of vitamin D on Asymmetric dimethylarginine, Interleukin 4, Interleukin 10, Interleukin 12, Interferon gamma, tumor necrosis factor alpha, hs-CRP and Parathormone serum levels and Cathelicidin gene expression in ulcerative colitis patients
- ❖ The effect of low copper diet and penicillamine combination on VEGF,IL-6,IL-8,TNF-a and Karnovski performance score in high grade brain glioma after Gamma knife radiosurgery in Iran Gamma Knife center
- ❖ The effect of Selenium supplementation on serum asymmetric dimethylarginine (ADMA) and free androgen index (FAI) and visceral adiposity index in women with polycystic ovary syndrome ; randomized clinical trial
- ❖ Assessment of the effect of High calorie-High fat induced weight on PTZ model of seizure activity and its association with changes in blood levels of adipocytokines and inflammatory factors in male rat
- ❖ The comparison of zinc alpha 2 glycoprotein serum levels, markers of vascular endothelial function, cardiovascular risk factors and nutrition status between obese and normal weight hemodialysis patients
- ❖ Comparison of serum 25-Hydroxy-vitamin D levels between Healthy and pre-eclamptic women
- ❖ The effects of CoQ10 supplementation on plasma adipolin in type 2 diabetic patients
- ❖ Comparison of serum nesfatin-1 and Asymmetric dimethylarginine (ADMA) in patients with overweight and obese and normal weight patients with rheumatoid arthritis
- ❖ Adropin, Nesfatin-1, glucose, insulin and lipid profile serum level in obese and normal weight adults
- ❖ Effect of Supplementation of quercetin on inflammatory factor and adiponectin

- and gene expression of its receptors in women's PBMC with polycystic ovary syndrome (pcos)
- ❖ Serum apelin levels in persistent and permanent atrial fibrillation patients in comparison to coronary artery disease patients with overweight and obesity
 - ❖ Assessment of serum levels of adiponectin and ADMA in Patients with persistent and permanent atrial fibrillation following supplementation with fish oil
 - ❖ Effects of garlic supplementation on serum levels of resistin and tumor necrosis factor- α in post menopause overweight and obese women with knee osteoarthritis
 - ❖ Effects of quercetin on Asymmetric Dimethylarginine in patients in the chronic Phase of Ischemic Stroke
 - ❖ Effects of CoQ10 supplementation on plasma ADMA (asymmetric dimethylarginine), in type 2 overweight and obese diabetic patients
 - ❖ The effects of energy density of daily food intake on inflammatory markers and adipocytokines in patients with type 2 diabetes
 - ❖ The comparison between serum levels of visfatin, vaspin and 25hydroxyvitamin D in obese and normal weight women
 - ❖ The evaluation of serum visfatin changes after olive oil consumption and weight reduction in overweight women
 - ❖ The effect of Omega3 on serum Visfatin concentration in patients with type 2 diabetes
 - ❖ The effect of olive oil rich diet consumption on plasma omentin concentration in overweight women
 - ❖ The effects of zinc supplementation on adiponectin, glycemic control and insulin resistance in patients with type II diabetes mellitus
 - ❖ The comparison of circulating levels of chemerin , adiponectin , insulin and glucose in obese with normal weight adolescent girls
 - ❖ Evaluation of serum and portal system visfatin levels in morbidly obese patients
 - ❖ The effect of weight reduction on plasma adipokine levels in morbidly obese subjects before and 1 month after bariatric surgery
 - ❖ Determination of circulating visfatin levels in patients with myocardial infarction
 - ❖ Determination of circulating serum visfatin level in patient with gestational diabetes
 - ❖ The effect of leptin administration on biomarkers of longevity, inflammation and hormonal adaptation after undergoing calorie restriction in rat
 - ❖ Plasma visfatin concentration in patients with metabolic syndrome and its contributing factors
 - ❖ The effects of green tea extract and association of common polymorphisms in the promotor of visfatin gene on blood visfatin and insulin resistance in patients with type II diabetes

Awards & Honors

Winner of the Hakim Jorjani award for education as an Outstanding Mentoring and distinguished professor at the 16th Avicenna Festival, Tehran University of Medical Sciences, 2015

Publications (Publishing of more than **120** peer reviewed papers in the prestigious journals and also the **H-index of 27** with more than **2000 citation**)

- ❖ The effect of vitamin C on oxidative stress indices and skin regimentation of vitiligo patients. Fallah M, Abedini R, Mahiabadi SA, Montazeri S, Hosseinzadeh-Attar MJ, Ebrahimpour-Koujan S. Arch Dermatol Res. 2023 Nov;315(9):2655-2660. doi: 10.1007/s00403-023-02687-2. Epub 2023 Aug 22.
- ❖ The relationship of circulating neuregulin 4 and irisin, and traditional and novel cardiometabolic risk factors with the risk and severity of coronary artery disease. Alipoor E, Hosseinzadeh-Attar MJ, Vasheghani-Farahani A, Salmani M, Rezaei M, Namkhah Z, Ahmadpanahi M, Jenab Y, Alidoosti M, Yaseri M. Cytokine. 2023 Oct;170:156314. doi: 10.1016/j.cyto.2023.156314. Epub 2023 Aug 15. PMID: 37591135
- ❖ Effects of virgin coconut oil consumption on serum brain-derived neurotrophic factor levels and oxidative stress biomarkers in adults with metabolic syndrome: a randomized clinical trial. Mansouri E, Asghari S, Nikooei P, Yaseri M, Vasheghani-Farahani A, Hosseinzadeh-Attar MJ. Nutr Neurosci. 2023 Jul 6:1-12. doi: 10.1080/1028415X.2023.2223390. PMID: 37409587
- ❖ Reply - Letter to the Editor: "Effect of a collagen-enriched beverage with or without omega-3 fatty acids on wound healing, metabolic biomarkers, and adipokines in patients with major burns." Alipoor E, Jazayeri S, Dahmardehei M, Salehi S, Yaseri M, Emami MR, Rezayat SM, Hosseinzadeh-Attar MJ. Clin Nutr. 2023 Jul;42(7):1104-1105. doi: 10.1016/j.clnu.2023.05.016. Epub 2023 May 23. PMID: 37268539
- ❖ Effect of a collagen-enriched beverage with or without omega-3 fatty acids on wound healing, metabolic biomarkers, and adipokines in patients with major burns. Alipoor E, Jazayeri S, Dahmardehei M, Salehi S, Yaseri M, Emami MR, Rezayat SM, Hosseinzadeh-Attar MJ. Clin Nutr. 2023 Mar;42(3):298-308. doi: 10.1016/j.clnu.2022.12.014. Epub 2023 Jan 6. PMID: 36724726
- ❖ Impact of Dietary Advanced Glycation End-Product Restriction on Insulin Resistance and Anthropometric Indices in Coronary Artery Patients Treated with Percutaneous Coronary Intervention: A Randomized Controlled Trial. Honarkar-Shafie E, Hosseinzadeh-Attar MJ, Taheri F, Moosavi NS, Yaseri M, Alidoosti M, Vasheghani-Farahani A. J Tehran Heart Cent. 2023 Jan;18(1):1-9. doi: 10.18502/jthc.v18i1.12574. PMID: 37252224
- ❖ The relationship between low-carbohydrate diet score, dietary insulin index and load with obesity in healthy adults. Karimbeiki R, Namkhah Z, Alipoor E, Yaseri M, Hosseinzadeh-Attar MJ. Eat Weight Disord. 2022 Dec;27(8):3341-3350. doi: 10.1007/s40519-022-01464-w. Epub 2022 Aug 22. PMID: 35995887
- ❖ Effects of naringenin supplementation on cardiovascular risk factors in overweight/obese patients with nonalcoholic fatty liver disease: a pilot double-blind, placebo-controlled, randomized clinical trial. Naeni F, Namkhah Z, Tutunchi H, Rezayat SM, Mansouri S, Yaseri M, Hosseinzadeh-Attar MJ. Eur J Gastroenterol Hepatol. 2022 Mar 1;34(3):345-353. doi: 10.1097/MEG.0000000000002323. PMID: 34860705
- ❖ Effect of nanocurcumin supplementation on the severity of symptoms and length of hospital stay in patients with COVID-19: A randomized double-blind placebo-

- controlled trial. Honarkar Shafie E, Taheri F, Alijani N, Okhovvat AR, Goudarzi R, Borumandnia N, Aghaghazvini L, Rezayat SM, Jamalimoghadasiahkali S, Hosseinzadeh-Attar MJ. *Phytother Res.* 2022 Feb;36(2):1013-1022. doi: 10.1002/ptr.7374. Epub 2022 Jan 12.
- ❖ Association between the dietary inflammatory index and obesity in otherwise healthy adults: Role of age and sex. Karimbeiki R, Alipoor E, Yaseri M, Shivappa N, Hebert JR, Hosseinzadeh-Attar MJ. *International Journal of Clinical Practice.* 2021 Jun 24:e14567. doi: 10.1111/ijcp.14567.
 - ❖ Dietary inflammatory index is a better determinant of quality of life compared to obesity status in patients with hemodialysis. Yaseri M, Alipoor E, Hafizi N, Maghsoudi-Nasab S, Shivappa N, Hebert JR, Hosseinzadeh-Attar MJ. *Journal of Renal Nutrition.* 2021 May;31(3):313-319. doi: 10.1053/j.jrn.2020.07.006. Epub 2020 Sep 18.
 - ❖ Effects of curcuminoids on inflammatory and oxidative stress biomarkers and clinical outcomes in critically ill patients: A randomized double-blind placebo-controlled trial. Zahedi H, Hosseinzadeh-Attar MJ, Shadnoush M, Sahebkar A, Barkhidarian B, Sadeghi O, Najafi A, Hosseini S, Qorbani M, Ahmadi A, Ardehali SH, Norouzy A. *Phytotherapy research.* 2021 Aug;35(8):4605-4615. doi: 10.1002/ptr.7179. Epub 2021 Jun 2.
 - ❖ A comprehensive systematic review of the effects of naringenin, a citrus-derived flavonoid, on risk factors for nonalcoholic fatty liver disease. Naeini F, Namkhah Z, Ostadrahimi A, Tutunchi H, Hosseinzadeh-Attar MJ. *Advances in Nutrition.* 2021 Mar 31;12(2):413-428. doi: 10.1093/advances/nmaa106
 - ❖ Association of obesity with mortality and clinical outcomes in children and adolescents with transplantation: A systematic review and meta-analysis. Yaseri M, Alipoor E, Seifollahi A, Rouhifard M, Salehi S, Hosseinzadeh-Attar MJ. *Reviews in Endocrine and Metabolic Disorders.* 2021 Mar 17. doi: 10.1007/s11154-021-09641-5.
 - ❖ The association of the adipokine zinc-alpha2-glycoprotein with non-alcoholic fatty liver disease and related risk factors: A comprehensive systematic review. Namkhah Z, Naeini F, Ostadrahimi A, Tutunchi H, Hosseinzadeh-Attar MJ. *International Journal of Clinical Practice.* 2021 Jul;75(7):e13985. doi: 10.1111/ijcp.13985. Epub 2021 Jan 21.
 - ❖ Effect of Collagen Hydrolysate and Fish Oil on High-Sensitivity C-Reactive Protein and Glucose Homeostasis in Patients with severe Burn; a Randomized Clinical Trial. Alipoor E, Hosseinzadeh-Attar MJ, Salehi S, Dahmardehei M, Yaseri M, Emami MR, Hajian M, Rezayat SM, Jazayeri S. *Arch Acad Emerg Med.* 2021 Jul 5;9(1):e50. doi: 10.22037/aaem.v9i1.1289.
 - ❖ A Systematic Review of the Nutritional Consequences of the Earthquake in East Azerbaijan Earthquake 2012. Nouri, M., Ostadtaghizadeh, A., Hosseinzadeh-Attar, M., Fallah-aliabadi, S., Bagheri, S., AlJasem, M., Avazaghaei, H., Barghi shirazi, F. (2021). *Journal of Nutrition, Fasting and Health*, 9(3), pp. 186-195. doi: 10.22038/jnfh.2021.56661.1329
 - ❖ Consumption of Dietary Fiber in Relation to Psychological Disorders in Adults. Saghafian F, Sharif N, Saneei P, Keshteli AH, Hosseinzadeh-Attar MJ, Afshar H, Esmailzadeh A, Adibi P. *Front Psychiatry.* 2021 Jun 24;12:587468. doi: 10.3389/fpsy.2021.587468. eCollection 2021. PMID: 34248690
 - ❖ Effects of virgin coconut oil consumption on metabolic syndrome components and

- asymmetric dimethylarginine: A randomized controlled clinical trial. Nikooei P, Hosseinzadeh-Attar MJ, Asghari S, Norouzy A, Yaseri M, Vasheghani-Farahani A. *Nutrition, Metabolism & Cardiovascular Diseases*. 2021 Mar 10;31(3):939-949. doi: 10.1016/j.numecd.2020.11.020. Epub 2020 Nov 27.
- ❖ Therapeutic effects of supplementation with Curcuminoids in critically ill patients receiving enteral nutrition: a randomized controlled trial protocol. Zahedi H, Hosseinzadeh-Attar MJ, Sahebkar A, Ranjbar SH, Najafi A, Hosseini S, Qorbani M, Ahmadi A, Ardehali SH, Moravvej H, Pourmand G, Norouzy A, Shadnoush M. *Journal of Diabetes & Metabolic Disorders*. 2020 Sep 26;19(2):1609-1614. doi: 10.1007/s40200-019-00451-w. eCollection 2020 Dec
 - ❖ Nutritional Status in Intensive Care Unit: Meta-Analysis and Systematic Review. Gubari MIM, Hosseinzadeh-Attar MJ, Hosseini M, Mohialdeen FA, Othman H, Hama-ghareeb KA, Norouzy A. *Galen Medical Journal*, Oct 2020 v. 9, p. e1678.
 - ❖ Increased efficacy of a garlic supplement on knee osteoarthritis symptoms in patients with obesity. Hosseinzadeh-Attar MJ, Alipoor E, Dehghani S, Salimzadeh A. *Journal of Herbal Medicine* 24 (2020) 100392
 - ❖ The relationship between serum adipokines and glucose homeostasis in normal-weight and obese patients on hemodialysis: a preliminary study. Alipoor E, Yaseri M, Mehrdadi P, Mahdavi-Mazdeh M, Murphy T, Hosseinzadeh-Attar MJ. *International Urology and Nephrology* 2020 Aug 6. doi: 10.1007/s11255-020-02582-z.
 - ❖ Effect of a newly developed ready-to-use supplementary food on growth indicators in children with mild to moderate malnutrition. Azimi F, Esmailzadeh A, Alipoor E, Moslemi M, Yaseri M, Hosseinzadeh-Attar MJ. *Public Health*. 2020 Jul 23;185:290-297. doi: 10.1016/j.puhe.2020.06.025.
 - ❖ Naringenin, a flavanone with antiviral and anti-inflammatory effects: A promising treatment strategy against COVID-19. Tutunchi H, Naeini F, Ostadrahimi A, Hosseinzadeh-Attar MJ. *Phytother Res*. 2020 Jul 2;10.1002/ptr.6781. doi: 10.1002/ptr.6781. Online ahead of print
 - ❖ White adipose tissue browning in critical illness: A review of the evidence, mechanisms and future perspectives. Alipoor E, Hosseinzadeh-Attar MJ, Rezaei M, Jazayeri S, Chapman M. *Obesity Review*. 2020 Jul 1. doi: 10.1111/obr.13085. Online ahead of print.
 - ❖ Effects of supplementation with curcuminoids on serum adipokines in critically ill patients: a randomized double-blind placebo-controlled trial. Shadnoush M, Zahedi H, Norouzy A, Sahebkar A, Sadeghi O, Najafi A, Hosseini S, Qorbani M, Ahmadi A, Ardehali SH, Hosseinzadeh-Attar MJ. *Phytother Res*. 2020 Jun 15. doi: 10.1002/ptr.6749
 - ❖ Oleoylethanolamide supplementation in obese patients newly diagnosed with non-alcoholic fatty liver disease: Effects on metabolic parameters, anthropometric indices, and expression of PPAR- α , UCP1, and UCP2 genes. Tutunchi H, Ostadrahimi A, Saghafi-Asl M, Hosseinzadeh-Attar MJ, Shakeri A, Asghari-Jafarabadi M, Roshanravan N, Farrin N, Naemi M, Hasankhani M. *Pharmacological Research*. 2020 Jun;156:104770. doi: 10.1016/j.phrs.2020.104770. Epub 2020 Mar 23
 - ❖ Effect of fish oil on circulating asymmetric dimethylarginine and adiponectin in overweight or obese patients with atrial fibrillation. Khorrami E, Hosseinzadeh-Attar MJ, Esmailzadeh A, Alipoor E, Hosseini M, Emkanjou Z, Kolahdouz

- Mohammadi R, Moradmamand S. *Food Sci Nutr*. 2020 Mar 11;8(4):2165-2172. doi: 10.1002/fsn3.1518. eCollection 2020 Apr.
- ❖ Vitamin D decreases CD40L gene expression in ulcerative colitis patients: A randomized, double-blinded, placebo-controlled trial. Sharifi A, Vahedi H, Honarvar MR, Amiriani T, Nikniaz Z, Rad EY, Hosseinzadeh-Attar MJ. *Turkish Journal of Gastroenterology*. 2020 Feb;31(2):99-104. doi: 10.5152/tjg.2020.181028.
 - ❖ Vitamin D suppresses proangiogenic factors in patients with ulcerative colitis: A randomized double blind placebo controlled clinical trial .Emami MR, Sharifi A, Yaseri M, Derakhshanian H, Hosseinzadeh-Attar MJ. *Complement Ther Clin Pract*. 2020 May;39:101086. doi: 10.1016/j.ctcp.2020.101086. Epub 2020 Jan 7.
 - ❖ A systematic review of the association of neuregulin 4, a brown fat-enriched secreted factor, with obesity and related metabolic disturbances. Tutunchi H, Ostadrahimi A, Hosseinzadeh-Attar MJ, Miryan M, Mobasseri M, Ebrahimi-Mameghani M. *Obesity Review*. 2020 Feb;21(2):e12952. doi: 10.1111/obr.12952
 - ❖ Effects of Selenium Supplementation on Asymmetric Dimethylarginine and Cardiometabolic Risk Factors in Patients with Polycystic Ovary Syndrome. Rashidi BH, Mohammad Hosseinzadeh F, Alipoor E, Asghari S, Yekaninejad MS, Hosseinzadeh-Attar MJ. *Biological Trace Element Research*. 2020 Aug;196(2):430-437
 - ❖ The effect of a hydrolyzed collagen-based supplement on wound healing in patients with burn; a randomized double-blind pilot clinical trial. Bagheri Miyab K, Alipoor E, Vaghardoost R, Saberi Isfeedvajani M, Yaseri M, Djafarian K, Hosseinzadeh-Attar MJ. *Burns*. 2020 Feb;46(1):156-163. doi: 10.1016/j.burns.2019.02.015. Epub 2019 Dec 16
 - ❖ Vitamin D Increases CTLA-4 Gene Expression in Patients with Mild to Moderate Ulcerative Colitis. Sharifi A, Vahedi H, Honarvar MR, Alipoor B, Nikniaz Z, Rafiei H, Hosseinzadeh-Attar MJ. *Middle East J Dig Dis*. 2019 Oct;11(4):199-204. doi: 10.15171/mejdd.2019.149.
 - ❖ The Relationship between Serum Concentrations of Pro- and Anti-Inflammatory Cytokines and Nutritional Status in Patients with Traumatic Head Injury in the Intensive Care Unit. Gubari MIM, Norouzy A, Hosseini M, Mohialdeen FA, Hosseinzadeh-Attar MJ. *Medicina (Kaunas)*. 2019 Aug 15;55(8).
 - ❖ Association of high serum adiponectin with the risk of malnutrition and worse outcome in head trauma patients; a cohort study. Gubari MIM, Hosseinzadeh-Attar MJ, Hosseini M, Mohialdeen FA, Norouzy A. *Archives of Academic Emergency Medicine*. 2019; 7 (1): e43
 - ❖ Altered brain diagnostic techniques in obesity and related metabolic complications. Safabakhsh, M., Alipoor, E., Hosseinzadeh-Attar, M.J. *Obesity Medicine*, 2019, 15,100117
 - ❖ The Effect of Vitamin D on Serum Asymmetric Dimethylarginine in Patients with Mild to Moderate Ulcerative Colitis. Hosseinzadeh-Attar MJ, Sharifi A, Nedjat S, Mohammadkhani A, Vahedi H. *International Journal for Vitamin and Nutrition Research*. 2019, <https://doi.org/10.1024/0300-9831/a000303>.
 - ❖ Effects of zinc supplementation on serum adiponectin concentration and glycemic control in patients with type 2 diabetes. Asghari S, Hosseinzadeh-Attar MJ, Alipoor E, Sehat M, Mohajeri-Tehrani MR. *J Trace Elem Med Biol*. 2019 Sep;55:20-25.

- ❖ The relationship between anthropometric status and rheumatoid arthritis. Exploring the role of nesfatin and asymmetric dimethylarginine. Naghashian F, Hosseinzadeh-Attar MJ, Akhlaghi M, Yekaninejad MS, Aryaeian N, Derakhshanian H. *Acta Reumatologica Portuguesa*. Apr-Jun 2019;44(2):126-131
- ❖ Impact of climate change on community health and resilience in Ethiopia: A review article. Ardalan A, Belay GD, Assen M, Hosseinzadeh-Attar MJ, Khoei EM, Ostadtaghizadeh A. *Hum Antibodies*. 2019 Mar 15. doi: 10.3233/HAB-190364.
- ❖ Effect of single-dose injection of vitamin D on immune cytokines in ulcerative colitis patients: a randomized placebo-controlled trial. Sharifi A, Vahedi H, Nedjat S, Rafiei H, Hosseinzadeh-Attar MJ. *APMIS (Acta pathologica, microbiologica, et immunologica Scandinavica)*. 2019 Oct;127(10):681-687. doi: 10.1111/apm.12982
- ❖ Association of obesity with morbidity and mortality in critically ill children: a systematic review and meta-analysis of observational studies. Alipoor E, Hosseinzadeh-Attar MJ, Yaseri M, Maghsoudi-Nasab S, Jazayeri S. *International Journal of Obesity (Lond)*. 2019 Apr;43(4):641-651.
- ❖ Estimating the household drought driven food insecurity using system dynamics model: The case of afar national regional state of Ethiopia. Belay GD, Ostadtaghizadeh A, Khoei EM, Ardalan A, Hosseinzadeh-Attar MJ, Assen M. *Hum Antibodies*. 2019 Apr 8. doi: 10.3233/HAB-190376.
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- ❖ Adipose tissue Release of Interleukin-6 (IL-6) and Asymmetric Dimethyl Arginine (ADMA): Implications for obesity Associated Metabolic Disease, Hosseinzadeh Attar MJ. PhD Thesis, 2004.
 - ❖ Criteria for Site Selection of Temporary Shelters after Earthquakes: a Delphi Panel. Soltani A, Ardalan A, Darvishi Bolorani A, Haghdoost A, Hosseinzadeh-Attar MJ. PLoS Curr. 2015 Nov
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Presentations

- ❖ Poster presentation: European Academy of Allergy and Clinical Immunology Congress 2015. EAACI. Barcelona, Spain, June 2015
- ❖ Invited speaker: The First Razavi Congress in Clinical Nutrition & 2nd International Symposium on Nutrition. Mashhad, Iran, Aug 2014
- ❖ Invited Speaker: 12th Iranian Nutrition Congress. Isfahan, Iran, Oct 2012
- ❖ Poster presentation: American Institute of Cancer Research, AICR Annual Research Conference, 2011. Washington, USA. Nov 2011
- ❖ Poster presentation: 78th European Atherosclerosis Society Congress, EAS 2011. Hamburg, Germany, June 2011
- ❖ Invited Speaker: 11th Iranian Nutrition Congress. Tehran, Iran, 2010.
- ❖ Poster presentation: 4th Meeting of the French Nutrition Society. Montpellier, France, Dec 2009
- ❖ Poster presentation: 19th International Congress of Nutrition. Bangkok, Thailand, October 2009
- ❖ Invited Speaker: 10th Iranian Nutrition Congress. Tehran, Iran, Dec 2008.
- ❖ Invited Speaker: 1st Iranian Congress of Obesity. Tehran, Iran, Feb 2008.
- ❖ Invited Speaker and coordinator: “Nutrition in Emergency” Workshop. Tehran, Iran, March 2007
- ❖ Invited Speaker: 3rd National congress of Prevention and Control of Non Contagious Disease (NCD). Tehran, Iran, November 2006
- ❖ Invited Speaker: 9th Congress of Nutrition. Tabriz, Iran, September 2006
- ❖ Oral presentation: 13th European Congress on Obesity (ECO). Prague, Czech Republic, May 2004.
- ❖ Oral presentation: 12th Iranian Research Conference in Europe (IRCE). Manchester, UK, July 2004
- ❖ Invited Speaker: 2nd Congress of Applied Biology (International Approach). Iran, September 2004
- ❖ Poster presentation: Cardiovascular Science and Medicine Symposium. University College London, London, UK, April 2004.
- ❖ Poster presentation: 86th Annual Meeting of The Endocrine Society (ENDO). New Orleans, USA, June 2004
- ❖ Poster Presentation at the British Endrocrine Society Meeting, Brighton, March 2004

Other Publications (Abstracts)

- ❖ Obesity: An elevated inflammatory condition, role of adipokines. Hosseinzadeh-Attar MJ, Alipoor E. *Journal of Nutritional Sciences and Dietetics*, Vol 2, 2016. Page:55
- ❖ Obesity and low grade inflammation: Does it have any role in epileptogenesis? Hafizi N, Hosseinzadeh-Attar MJ. *Journal of Nutritional Sciences and Dietetics*, Vol 2, 2016. Page: 54
- ❖ Effects of fish oil supplementation on serum levels of adiponectin and ADMA as coagulation regulators in patients with atrial fibrillation. Khorrami E, Hosseinzadeh-Attar MJ, Mostafa Hosseini, Emkanjou Z, Kolahdouz Mohammadi R, Moradmamand S. *Journal of Nutritional Sciences and Dietetics*, Vol 2, 2016. Page: 207
- ❖ Do the different visfatin concentrations have different effect on CVD risk factors, adiponectin and insulin resistance in T2DM? Mohammadi S, Hosseinzadeh Attar MJ, Hosseini SH, Eshraghian MR. The 9th International Congress of Endocrine Disorders. Tehran, Iran, November 15-18 2011
- ❖ The changes of visfatin as a cancer risk factor after weight reduction following bariatric surgery. Hosseinzadeh-Attar MJ, Golpaie A, Hosseini M, Talebpour M. AICR Annual Research Conference on Food, Nutrition, Physical Activity and Cancer. Washington, D.C, USA. November 3- 4, 2011
- ❖ Effects of weight loss on plasma adiponectin level as a marker of cancer in morbid obese subjects. Golpaie A, Talebpour M, Hosseini M, Hosseinzadeh-Attar MJ. AICR Annual Research Conference on Food, Nutrition, Physical Activity and Cancer. Washington, D.C, USA. November 3- 4, 2011
- ❖ The effect of MUFA-rich diet on serum levels of visfatin, insulin and interleukin-6 in overweight women. Mohammad Javad Hosseinzadeh-Attar, Fahimeh Haghghatdoost, Akram Kabiri, Atefeh Golpaie, Ahmad Esmailzadeh. The 9th International Conference, San Diego, USA, August 16-18, 2011
- ❖ The visfatin Pharmacogenetics aspects of antidiabetic agents, A. Hossein-Nezhad, K. Mirzaei, M.J. Hosseinzadeh Attar, M. Karimi, N.J. Jafari. Abstracts of the 4th International Congress on Prediabetes and Metabolic Syndrome, Madrid, Spain, April 6-9 2011
- ❖ Evaluation of Circulating Visfatin Levels in Patients with Gestational Diabetes Mellitus, Mohammad Javad Hosseinzadeh Attar, Neda Rezvan, Ashraf Moeini, Leila Janani, Arash Hosseinezhad, The 2nd World Congress of Public Health Nutrition and 1st Latinamerican Congress of Community Nutrition, Porto, Portugal, September 23-25, 2010
- ❖ The Relationship between waist circumferences, Visceral Obesity and proinflammatory cytokines in Iranian Male subjects. Atefeh Golpaie, Maryam Foroughi, Saleh Zahedi-Asl, Mohammad Javad Hosseinzadeh Attar. The 2nd World Congress of Public Health Nutrition and 1st Latinamerican Congress of Community Nutrition, Porto, Portugal, September 23-25, 2010
- ❖ Circulating visfatin in patients with metabolic syndrome; Zohreh Karbaschian, Maryam Foroughi, Atefeh Golpaie, Saleh Zahedi-Asl, Mohammad Javad Hosseinzadeh Attar, The 2nd World Congress of Public Health Nutrition and 1st Latinamerican Congress of Community Nutrition, Porto, Portugal, September 23-

- 25, 2010
- ❖ The relationship between visceral obesity and serum concentrations of CRP, IL-6 and visfatin in patients with metabolic syndrome. M. Hosseinzadeh-Attar, M. Foroughi, S. Zahedi-Asl. The 31st ESPEN congress, Vienna, Austria, Aug 29, Sep 1 2009. Clinical Nutrition Supplements (2009) Volume: 4, Issue: 2, Pages: 150
 - ❖ Association of genotype and serum levels of adipokines with bone mineral density in type 2 diabetes mellitus patients; Hoorieh saghafi ,Khadijeh Mirzaei, Mohammad Javad Hosseinzadeh, Azam Najmafshar, Nazila Jafari, Mazaher Rahmani, Bagher larijani, Arash Hossein-nezhad,10th Iranian congress of Biochemistry & 3 th International congress of biochemistry & Molecular Biology ,Tehran, Iran, November 16-19,2009
 - ❖ The visfatin pharmacogenetic aspects on glycemic and bone turnover improvement by green tea extract intervention in type 2 diabetic patients, Khadijeh Mirzaei,Arash Hossein-nezhad, Mehrdad Karimi, Mohammad Javad Hosseinzadeh-Attar , Nazila JafariS, Azam Najmafshar, Bagher Larijani,8th continuing professional development(CPD) series: "Diabetes Asia 2009" conference, Kuala Lumpur, Malaysia. October 7-11, 2009
 - ❖ The visfatin pharmacogenetic characteristics on glycemic and bone turnover improvement by green tea extract intervention in type 2 diabetic patients, Khadijeh Mirzaei, Arash Hossein-nezhad, Mehrdad Karimi, Mohammad Javad Hosseinzadeh-Attar, Nazila Jafari1, Azam Najmafshar, Bagher Larijani, international Congress of Endocrine Disorders Tehran. October 27-28, 2009
 - ❖ Effect of green tea extract on bone turn over markers in overweight and obese diabetic patients, Arash Hossein-nezhad, Khadijeh Mirzaei, Mehrdad Karimi, Mohammad Javad Hosseinzadeh-Attar , Nazila Jafari, Azam Najmafshar, Bagher Larijani, 2nd Iranian Congress on Prevention and Managment of Obesity, Razi congress complex, Tehran, October 27, 2009
 - ❖ Visfatin genotype may influence the effects of green tea extract (camellia sinensis) in Type 2 diabetes patients with overweight and obesity state; double blind placebocontrolled trial study, Khadijeh Mirzaei, Mohammad Javad Hosseinzadeh-Attar, Arash Hossein-nezhad, Mehrdad Karimi, Nazila Jafari , Bagher Larijani, 2nd Iranian Congress on Prevention and Managment of Obesity, Razi congress complex, Tehran, October 27, 2009
 - ❖ To determine circulating visfatin levels in patients with myocardial infarction and its relationship with the severity of stenosis. Mohammad Javad Hosseinzadeh Attar, M. Mazaherioun, B. Golestan, A. Vasheghany Farahany, A. Hosseinnezhad. 78th European Atherosclerosis Society Congress, Hamburg, Germany, June 20 - 23, 2010
 - ❖ The effects of green tea extract (camellia sinensis) on serum adiponectin concentration in patients with type 2 diabetes mellitus. M. J. Hosseinzadeh Attar, S. Mohammadi, M. Karimi, A. Hosseinnezhad, M. R. Eshraghian. The 4th Congress of the French Nutrition Society, Montpellier, France, December 10-12, 2009
 - ❖ Do the different visfatin concentrations have different effect on CVD risk factors, adiponectin and insulin resistance in T2DM? Somayeh mohammadi, Mohammad Javad Hossein-zadeh Attar, Seyyed Hossein Hosseiny, Mohammad Reza Eshraghian. The 9th International Congress of Endocrine Disorders. November 15-18 2011

- ❖ Adipogenesis and IL-6 secretion from adipose tissue are mediated through different COX isoforms. Hosseinzadeh Attar MJ, Hurel SJ, Mohamed-Ali V. Applied Biology, Sep 2004
- ❖ COX Mediated IL-6 Secretion in Obesity and in Adipose Tissue, Hosseinzadeh Attar MJ, Hurel SJ, Sampson MJ, Gavrilovic J, Mohamed-Ali V. 13th European Congress on Obesity, ECO, Obesity Supplement, 2004
- ❖ Glucose Homoeostasis in Turner Syndrome – a unique metabolic defect? Ostberg JE, Hosseinzadeh Attar MJ, Mohamed-Ali V, Conway GS. Abstract in Program and Abstracts, ENDO 2004: P2-368
- ❖ Diabetes Risk in Turner Syndrome – a unique metabolic defect? Ostberg JE, Hosseinzadeh Attar MJ, Mohamed-Ali V, Conway GS. Endocrine Abstracts Vol. 7, 23rd Joint Meeting of the BES, March 2004: P69

Membership

Member of the Iranian Medical Organization

Member of Iranian Nutrition Society (ATA)

Member of the Scientific Board of the 17th congress of Parenteral and Enteral Nutrition Society of Asia, Tehran 2016

Member of the Scientific and Executive Board of the 2nd International and the 14th Iranian Nutrition Congress, Tehran 2016

Member of the Scientific Board of the 13th Iranian Nutrition Congress, Tehran, 2014

Member of the Scientific Board of the 12th Iranian Nutrition Congress, Isfahan 2012

Member of the Scientific Board of the 11th Iranian Nutrition Congress, Tehran 2010

Member of the Scientific Board of the 10th Iranian Nutrition Congress

Member of the Scientific Board of The 12th Iranian Congress of Biochemistry & the 4th International Congress of Biochemistry & Molecular Biology