



School of Nutrition Sciences and Food Technology
Kermanshah University of Medical Sciences

First Name: Davoud

Surname: Soleimani

Academic Rank: Assistant Professor

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Personal Information

Nationality: Persian

Date of Birth: 1989 April 27

Place of Birth: Isfahan city

Marital Status: Married

Tertiary Education

- **Ph.D.**
Clinical Nutrition
2016 - 2019
 - Faculty of Medicine, Mashhad University of Medical Sciences, Mashhad, Iran
Thesis: Evaluation of Propolis Supplementation Effects on Hepatic Steatosis and Fibrosis Status in Patients with Non Alcoholic Fatty Liver Disease.
Supervisor: Prof. Mohsen Nematy
- **M. Sc.**
Health Sciences in
Nutrition
2013 - 2016
 - ,Faculty of Nutrition and Food Sciences, Isfahan University of Medical Sciences, Isfahan, Iran
Thesis: Evaluation of garlic Supplementation Effects on Hepatic Steatosis in Patients with Non Alcoholic Fatty Liver Disease.

Supervisor: Prof. Zamzam Paknahad

- **B. Sc.**
Nutrition Science
2009 - 2013
- Faculty of Nutrition and Food Sciences, Isfahan University of Medical Sciences, Isfahan, Iran
Supervisor: Prof. Zamzam Paknahad

Academic Responsibilities

- 2021
 - Website management of Faculty of Nutritional Sciences and Food Technologies, Kermanshah University of Medical Sciences, Kermanshah, Iran
 - Founding board member of the Oil and Fat Research Center, Kermanshah University of Medical Sciences, Kermanshah, Iran
- 2020
 - Scientific-Executive Committee Member at 3rd International Clinical Nutrition Conference, Mashhad

Key Areas of Research Expertise

- Nutritional interventions in liver diseases
- Nutritional interventions in ICU
- Obesity
- Dietary Pattern Analysis
- Functional foods & Nutraceuticals
- Production of dietary supplements
- Honey Bee products (Propolis, Royal Jelly, ...)

Skills

- Language English – Farsi
- Technical Formulation of dietary supplements - Extraction of dietary patterns - Extraction of Nutraceuticals
- Software SPSS Statistics, Prism Statistics, Bioelectrical Impedance analyzer, Nutritionist IV, Microsoft Office (Word, Excel, PowerPoint), EndNote

Articles

- ❖ Askari G, Sahebkar A, Soleimani D, Mahdavi A, Rafiee S, Majeed M, et al. The efficacy of curcumin-piperine co-supplementation on clinical symptoms, duration, severity, and inflammatory factors in COVID-19 outpatients: a randomized double-blind, placebo-controlled trial. *Trials*. 2022;23(1):1-10.
- ❖ Nayebi A, Navashenaq JG, Soleimani D, Nachvak SM. Probiotic supplementation: A prospective approach in the treatment of COVID-19. *Nutrition and health*. 2022;28(2):163-75.
- ❖ Samadi M, Moradinazar M, Khosravy T, Soleimani D, Jahangiri P, Kamari N. A systematic review and meta-analysis of preclinical and clinical studies on the efficacy of ginger for the treatment of fatty liver disease. *Phytotherapy research : PTR*. 2022;36(3):1182-93.
- ❖ Bagheri A, Khosravy T, Moradinazar M, Nachvak SM, Pasdar Y, Soleimani D, et al. Optimal cut-off points of fat mass index and visceral adiposity index associated with type 2 diabetes mellitus. *Food science & nutrition*. 2022.
- ❖ Miryan M, Soleimani D, Alavinejad P, Abbaspour M, Ostadrahimi A. Effects of propolis supplementation on irritable bowel syndrome with constipation (IBS-C) and mixed (IBS-M) stool pattern: A randomized, double-blind clinical trial. *Food science & nutrition*. 2022.
- ❖ Karimi S, Goudarzi F, Soleimani D, Hazratian S, Mahaki B, Pourmehdi M, et al. Evaluation of acrylamide and malondialdehyde levels in Tah-Dig of fried starchy foods: a case study in Iran. *Journal of Food Measurement and Characterization*. 2022;16(3):2434-9.
- ❖ Soleimani D, Miryan M, Tutunchi H, Navashenaq JG, Sadeghi E, Ghayour-Mobarhan M, et al. A systematic review of preclinical studies on the efficacy of propolis for the treatment of inflammatory bowel disease. *Phytotherapy Research*. 2021;35(2):701-10.
- ❖ Shabgah AG, Zarifi SH, Kiapey SSM, Ezzatifar F, Pahlavani N, Soleimani D, et al. Curcumin and cancer; are long non-coding RNAs missing link? *Progress in biophysics and molecular biology*. 2021;164:63-71.
- ❖ Shabgah AG, Norouzi F, Hedayati-Moghadam M, Soleimani D, Pahlavani N, Navashenaq JG. A comprehensive review of long non-coding RNAs in the pathogenesis and development of non-alcoholic fatty liver disease. *Nutrition & Metabolism*. 2021;18(1):1-15.
- ❖ Hadi S, Daryabeygi-Khotbehsara R, Mirmiran P, McVicar J, Hadi V, Soleimani D, et al. Effect of *Nigella sativa* oil extract on cardiometabolic risk factors in type 2 diabetes: A randomized, double-blind, placebo-controlled clinical trial. *Phytotherapy Research*. 2021;35(7):3747-55.
- ❖ Soleimani D, Rezaie M, Rajabzadeh F, Gholizadeh Navashenaq J, Abbaspour M, Miryan M, et al. Protective effects of propolis on hepatic steatosis and fibrosis among patients with nonalcoholic fatty liver disease (NAFLD)

evaluated by real-time two-dimensional shear wave elastography: A randomized clinical trial. *Phytotherapy Research*. 2021;35(3):1669-79.

- ❖ Jandari S, Mosalmanzadeh N, Moghadam MRSF, Soleimani D, Shivappa N, Hébert JR, et al. Dietary inflammatory index and healthy eating index-2015 are associated with rheumatoid arthritis. *Public Health Nutrition*. 2021:1-21.
- ❖ Soleimani D, Miryan M, Hadi V, Gholizadeh Navashenaq J, Moludi J, Sayedi SM, et al. Effect of propolis supplementation on athletic performance, body composition, inflammation, and oxidative stress following intense exercise: A triple-blind randomized clinical trial. *Food Science & Nutrition*. 2021.
- ❖ Soleimani D, Paknahad Z, Rouhani MH. Therapeutic Effects of Garlic on Hepatic Steatosis in Nonalcoholic Fatty Liver Disease Patients: A Randomized Clinical Trial. *Diabetes Metab Syndr Obes*. 2020;13:2389-2397.
- ❖ Soleimani D, Parisa Moosavian S, Zolfaghari H, Paknahad Z. Effect of garlic powder supplementation on blood pressure and hs-C-reactive protein among nonalcoholic fatty liver disease patients: A randomized, double-blind, placebo-controlled trial. *Food Science & Nutrition*. 2021.
- ❖ Bagherniya M, Askari G, Alikiaii B, Abbasi S, Soleimani D, Sathyapalan T, et al. Curcumin for the treatment of prostate diseases: A systematic review of controlled clinical trials. *Studies on Biomarkers and New Targets in Aging Research in Iran*. 2021:345-62.
- ❖ Bagherniya M, Soleimani D, Rouhani MH, Askari G, Sathyapalan T, Sahebkar A. The use of curcumin for the treatment of renal disorders: a systematic review of randomized controlled trials. *Studies on Biomarkers and New Targets in Aging Research in Iran*. 2021:327-43.
- ❖ Zareie A, Soleimani D, Askari G, Jamialahmadi T, Guest PC, Bagherniya M, et al. Cinnamon: A Promising Natural Product Against COVID-19. *Identification of Biomarkers, New Treatments, and Vaccines for COVID-19*: Springer; 2021. p. 191-5.
- ❖ Askari G, Alikiaii B, Soleimani D, Sahebkar A, Mirjalili M, Feizi A, et al. Effect of curcumin-piperine supplementation on clinical status, mortality rate, oxidative stress, and inflammatory markers in critically ill ICU patients with COVID-19: A structured summary of a study protocol for a randomized controlled trial. *Trials*. 2021;22(1):1-3.
- ❖ Shabgah AG, Suksatan W, Achmad MH, Bokov DO, Abdelbasset WK, Ezzatifar F, et al. Arctigenin, an anti-tumor agent; a cutting-edge topic and up-to-the-minute approach in cancer treatment. *European journal of pharmacology*. 2021;909:174419.

- ❖ Miryan M, Soleimani D, Askari G, Jamialahmadi T, Guest PC, Bagherniya M, et al. Curcumin and Piperine in COVID-19: A Promising Duo to the Rescue? Identification of Biomarkers, New Treatments, and Vaccines for COVID-19: Springer; 2021. p. 197-204.
- ❖ Hadi S, Miryan M, Soleimani D, Amani R, Mazaheri Tehrani M, Hadi V, et al. The effect of food ration bar enriched with β -alanine, L-arginine, and *Nigella sativa* on performance and inflammation following intense military training: A double-blind randomized clinical trial. *Food Science & Nutrition*. 2021.
- ❖ Bigdeli J, Jarahi L, Ranjbar G, Khadem Ghaebi N, Safarian M, Soleimani D. Food Insecurity and Preeclampsia: A Case-Control Study. *Journal of Nutrition and Food Security*. 2021;6(1):87-97.
- ❖ Heidarzadeh-Esfahani N, Soleimani D, Hajiahmadi S, Moradi S, Heidarzadeh N, Nachvak SM. Dietary Intake in Relation to the Risk of Reflux Disease: A Systematic Review. *Preventive Nutrition and Food Science*. 2021;26(4):367.
- ❖ Samadi M, Soleimani D, Moradi M, Kamari N, Rezaei M, Hozoori M. The Effect of Whey Protein Supplementation on Inflammatory Markers and Muscle Damage in Basketball Athletes: A Double-Blinded Clinical Trial. *Journal of Isfahan Medical School*. 2021;39(640):659-64.
- ❖ Nachvak SM, Soleimani D, Gholizadeh S, Paknahad Z. Kebab, A Delicious Food, but Contaminated with Harmful Compounds: A Literature Review. *Journal of Isfahan Medical School*. 2021;39(626):376-83.
- ❖ Gholizadah S, Mohammadi R, Soleimani D, Rezaei M, Ahanikamangar S, Mosalmanzadeh N, et al. Polycyclic aromatic hydrocarbons in grilled foods from Kermanshah province. *Food Additives & Contaminants: Part B*. 2021;14(4):287-94.
- ❖ Samadi M, Khosravy T, Azadbakht L, Rezaei M, Mosafaghadir M, Kamari N, et al. Major dietary patterns in relation to muscle strength status among middle-aged people: A cross-sectional study within the RaNCD cohort. *Food science & nutrition*. 2021;9(12):6672-82.
- ❖ Miryan M, Bagherniya M, Sahebkar A, Soleimani D, Rouhani MH, Iraj B, et al. Effects of curcumin-piperine co-supplementation on clinical signs, duration, severity, and inflammatory factors in patients with COVID-19: a structured summary of a study protocol for a randomised controlled trial. *Trials*. 2020;21(1):1-2.
- ❖ Miryan M, Soleimani D, Dehghani L, Sohrabi K, Khorvash F, Bagherniya M, et al. The effect of propolis supplementation on clinical symptoms in patients with coronavirus (COVID-19): A structured summary of a study protocol for a randomised controlled trial. *Trials*. 2020;21(1):1-2.

- ❖ Moludi J, Moradinazar M, Hamzeh B, Najafi F, Soleimani D, Pasdar Y. Depression relationship with dietary patterns and dietary inflammatory index in women: result from ravansar cohort study. *Neuropsychiatric Disease and Treatment*. 2020;16:1595.
- ❖ Miryan M, Alavinejad P, Abbaspour M, Soleimani D, Ostadrahimi A. Does propolis affect the quality of life and complications in subjects with irritable bowel syndrome (diagnosed with Rome IV criteria)? A study protocol of the randomized, double-blinded, placebo-controlled clinical trial. *Trials*. 2020;21(1):1-10.
- ❖ Mosalmanzadeh N, Jandari S, Soleimani D, Shadmand Foumani Moghadam MR, Khorramrouz F, Araste A, et al. Major dietary patterns and food groups in relation to rheumatoid arthritis in newly diagnosed patients. *Food Science & Nutrition*. 2020;8(12):6477-86.
- ❖ Hadi V, Sardar MA, Ghayour-Mobarhan M, Nematy M, Rezvani R, Hadi S, et al. The Effect of Ration Military Supplemented with Functional Food on Cardiopulmonary Endurance in Military Athletes: a Randomized, Single-Blind, Placebo-Controlled Clinical Trial. *Journal Mil Med*. 2020;22(7):682-91.
- ❖ Bahrami A, Mazloun SR, Maghsoudi S, Soleimani D, Khayyatzadeh SS, Arekhi S, et al. High dose vitamin D supplementation is associated with a reduction in depression score among adolescent girls: a nine-week follow-up study. *Journal of dietary supplements*. 2018;15(2):173-82.
- ❖ Soleimani D, Ranjbar G, Rezvani R, Goshayeshi L, Razmpour F, Nematy M. Dietary patterns in relation to hepatic fibrosis among patients with nonalcoholic fatty liver disease. *Diabetes, metabolic syndrome and obesity: targets and therapy*. 2019;12:315.
- ❖ Ghandehari M, Dehnavi Z, Razmpour F, Miryan M, Soleimani D, Parizadeh SM, et al. The Associations of Anthropometric Parameters and Hepatic Steatosis. *Journal of Nutrition, Fasting and Health*. 2020;8(1):23-7.
- ❖ Ghandehari M, Dehnavi Z, Soleimani D, Sedaghat M, Razmpour F, Parizadeh SM, et al. Comparison of Diet Records between Patients with Non-alcoholic Fatty Liver Disease and Controls. *Journal of Nutrition, Fasting and Health*. 2019;7(3):146-50.
- ❖ Nematy M, Khosravi M, Soleimani D, Movahed S, Rakhshandeh H. Barley Based Bread may Suppress the Appetite in Individuals who Practice Islamic Fasting. *J Food Process Technol*. 2018;9(734):2.
- ❖ Amiryousefi MR, Soleimani D, Movahed S, Khosravi M, Mousavi Bazzaz SM, Rakhshandeh H, et al. Is It Possible to Quench Thirst Using Barley Enriched Licorice Bread during Islamic Fasting? *Journal of Nutrition, Fasting and Health*. 2017;5(4):151-7.

- ❖ Soleimani D, Nematy M, Hashemi M, Khayyatzadeh SS. Effects of Ramadan fasting on cardiovascular risk factors: a narrative review. *Journal of Fasting and Health*. 2016;4(4):140-4.
- ❖ Nejati F, Nemati M, Rezaei Ardani AR, Soleimani D, Khosravi M, Salehi Fadardi J, et al. Investigating the relation of Household Food Security Status and some Socio-economic factors with children Intelligence Quotient in 2016-Mashhad-Iran. *medical journal of mashhad university of medical sciences*. 2017;60(5):691-700.
- ❖ Soleimani D, Paknahad Z, Askari G, Iraj B, Feizi A. Effect of garlic powder consumption on body composition in patients with nonalcoholic fatty liver disease: A randomized, double-blind, placebo-controlled trial. *Advanced biomedical research*. 2016;5.
- ❖ Nachvak M, Sadeghi E, Mohammadi R, Rezaei M, Abdollahzad H, Soleimani D. User Experience of NAVID E-learning System in the School of Nutrition and Food Technology of Kermanshah University of Medical Sciences, Iran (2020). *Educational Research in Medical Sciences*. 2021;10(1).
- ❖ Soleimani D, Abdollahzadeh M, Abdollahzad H, Nachvak M, Samadi M. Internal Assessment of the Nutrition Department of Kermanshah University of Medical Sciences (2018). *Educational Research in Medical Sciences*. 2021;10(1).

Research Projects

- Investigating the relationship between dietary plant index and the risk of rheumatoid arthritis in the Ravanser cohort, Kermanshah University of Medical Sciences, Manager.
- Investigating the relationship between dietary plant index and the risk of osteoporosis and bone fractures in the Ravanser cohort, Kermanshah University of Medical Sciences, Manager.
- Relationship between dietary inflammatory index and severity of fat and fibrosis in patients with non-alcoholic fatty liver disease, Kermanshah University of Medical Sciences, Manager.
- Investigating the relationship between nutritional care and changes in glycosylated hemoglobin levels in patients with type 2 diabetes, Kermanshah University of Medical Sciences, Assistant.
- Investigating the relationship between dietary patterns and dietary inflammation index with infertility in Kermanshah women: a case study, Kermanshah University of Medical Sciences, Assistant.
- Investigating the relationship between the inflammatory index of the diet and food patterns with premenstrual syndrome (PMS) in Kermanshah women, Kermanshah University of Medical Sciences, Assistant.

- Investigating the effect of pycnogenol as an extract of pine tree (*Pinus pinaster*) on breast cancer cell lines, Bam University of Medical Sciences, Assistant.
- The relationship between dietary inflammatory index and healthy nutrition index with the severity of rheumatoid arthritis in women with rheumatoid arthritis in Kermanshah in 1399. Kermanshah University of Medical Sciences, Assistant.
- Probiotics Supplementation as a Perspective in the Treatment of COVID-19: A review of evidence and mechanisms. Kermanshah University of Medical Sciences, Assistant.
- The associations between dietary inflammatory index and dietary patterns with PMS in women in Kermanshah. Kermanshah University of Medical Sciences, Assistant.
- Investigation of the relationship between food dietary intake and the risk of GERD: A systematic review. Kermanshah University of Medical Sciences, Assistant.
- Evaluation of Navid E-learning system in Kermanshah University of Medical Sciences in 2020. Kermanshah University of Medical Sciences, Assistant.
- The effect of propolis supplementation on clinical symptoms in patients with coronavirus (COVID-19): A double-blind, placebo-controlled randomized clinical trial. Isfahan University of Medical Sciences, Assistant.
- The effect of Pycnogenol on inhibitory cells derived from myeloid lineage accumulated in the microenvironment of cancer. Bam University of Medical Sciences, Assistant.
- The effect of propolis supplementation on metabolic syndrome indices in people with this syndrome: A double-blind, controlled, randomized clinical trial. Isfahan University of Medical Sciences, Assistant.
- The effect of propolis supplementation on the status of inflammatory index, testosterone and metabolic profile of women with polycystic ovary syndrome. Isfahan University of Medical Sciences, Assistant.
- The effect of pycnogenol as an extract of pine tree (*Pinus pinaster*) on breast cancer cell lines. Isfahan University of Medical Sciences, Assistant.

- Effect of propolis supplementation on athletic performance, body composition, inflammation, and oxidative stress following intense exercise: A triple-blind randomized clinical trial. AJA University of Medical Sciences, Manager.
- The effect of separate and co-supplementation of *Electrobacillus plantarum* and inulin on oxidative stress indices, brain-derived serotonin and neurotrophin levels in the amygdala and assessment of behavioral disorders in healthy male rats. AJA University of Medical Sciences, Assistant.
- The effect of propolis supplementation on the improvement of hepatic steatosis and fibrosis in patients with non-alcoholic fatty liver. Mashhad University of Medical Sciences, Manager.
- The effect of garlic supplementation on liver function indices, lipid profile and hepatic steatosis in patients with non-alcoholic fatty liver. Isfahan University of Medical Sciences, Manager.

Inventions & Innovations

- 2021
- Production of Dietary Supplement for Treatment of non-alcoholic fatty liver disease (NAFLD)

Conferences

- 2021
- The Role of Nutrition Support in COVID-19 Management, Kermanshah, Iran.
- 2020
- The Role of Nutrition in Polycystic Ovary Syndrome (PCOS) Management, Kermanshah, Iran.
- 2018
- The Role of Nutrition in treatment of non-alcoholic fatty liver (NAFLD), Mashhad, Iran.
- 2017
- Effect of Garlic Powder Consumption on Blood Pressure in Patients with NAFLD: A Randomized Clinical Trial. 1st International NLRCS Conference, Mashhad, Iran.

Presentations & Published Abstracts

- 2022
- Effect of garlic powder supplementation on blood pressure and hs-CRP among nonalcoholic fatty liver disease patients: A Randomized, double-blind, placebo-controlled Trial. 4rd International Clinical Nutrition Conference, Mashhad, Iran

- Effect of propolis supplementation on Athletic performance, body composition, inflammation, and oxidative stress following intense exercise: A triple-blind randomized clinical trial. 4rd International Clinical Nutrition Conference, Mashhad
- Therapeutic effect of garlic on hepatic steatosis in nonalcoholic fatty liver disease patients: A Randomized Clinical Trial. 4rd International Clinical Nutrition Conference, Mashhad, Iran
- Association of dietary inflammatory index with liver fibrosis among patients with nonalcoholic fatty liver disease, 4rd International Clinical Nutrition Conference, Mashhad, Iran
- 2020
 - Protective Effect of Propolis Supplementation on Hepatic Steatosis and Fibrosis among Patients with NAFLD: A Randomized Clinical Trial. 3rd International Clinical Nutrition Conference, Mashhad, Iran
 - Protective Effect of Garlic Powder Consumption against Hepatic Steatosis among Patients with NAFLD: A Randomized Clinical Trial. 3rd International Clinical Nutrition Conference, Mashhad, Iran
 - Dietary Patterns in Relation to Hepatic Fibrosis among Patients with NAFLD. 3rd International Clinical Nutrition Conference, Mashhad, Iran

Workshops

- 2022
- 2021
- 2020
 - The Role of Nutrition in chronic kidney disease, Kermanshah, Iran.
 - The Role of Nutrition in Premenstrual Syndrome (PMS) Management, Kermanshah, Iran.
 - The Role of Nutrition in non-alcoholic fatty liver (NAFLD) Management, Kermanshah, Iran.

Editorial Board and Reviewing Activities

- Reviewer
 - Journal of Diabetes, Obesity and Metabolism
 - Journal of Food Science and Nutrition
 - Journal of Nutrition, Fasting and Health

Professional Memberships

- European Society for Clinical Nutrition and Metabolism (ESPEN)

Awards & Grants

- 2020

- 2014
 - Iran's National Elites Foundation (INEF)
 - 2nd Rank, The Entrance Exam for the Master Course in Health Sciences in Nutrition