

Gholamreza Bahrami

Academic Degree: Professor of Pharmacology

Work Experience :

1993 - Present **Faculty Member**, Medical School, Kermanshah University of Medical Sciences and Health services (KUMS), Kermanshah, IRAN

- 1) Hadis Javid, Soraya Sajadimajd, MohammadTaher Bahrami, *Gholamreza Bahrami*, Bahareh Mohammadi, Saeed Khazayel, Seyed Shahram Miraghaee ***Rosa canina* extract relieves methylation alterations of pancreatic genes in STZ-induced diabetic rats: Gene methylation in diabetic rats treated with an extract** Molecular Biology Reports (2024)
- 2) Amin Iranpanah, Sajad Fakhri, *Gholamreza Bahrami*, Mohammad Bagher Majnooni, Mohammad Mehdi Gravandi, Sara Taghavi, Mehdi Azadi Badrbani, Roshanak Amirian, Mohammad Hosein Farzaei **Protective effect of a hydromethanolic extract from *Fraxinus excelsior* L. bark against a rat model of aluminum chloride-induced Alzheimer's disease: Relevance to its anti** Journal of Ethnopharmacology (2024)
- 3) Hossein Malekshahi, *Gholamreza Bahrami*, Atefeh Babaei, Shahram Miraghaee, Nastaran Jalilian, Seyed Hamid Madani, Mohammad Hossein Farzaei **Evaluation of the Protective and Healing Effects of *Heracleum lasiopetalum* Boiss on a Modified Acetic Acid-Induced Ulcerative Colitis Model in Rats** Jundishapur Journal of Natural Pharmaceutical Products (2024)
- 4) Soraya Sajadimajd, Faranak Aghaz, Elham Arkan, *Gholamreza Bahrami* **Herbal nano-ointment containing encapsulated polysaccharide in repairing of superficial ulcers** Nanomedicine Journal (2024)
- 5) Roshanak Amirian, Mehdi Azadi Badrbani, Zhila Izadi, Hadi Samadian, *Gholamreza Bahrami*, Sajad Sarvari, Sara Abdolmaleki, Seyed Mohammad Nabavi, Hossein Derakhshankhah, Mehdi Jaymand **Targeted protein modification as a paradigm shift in drug discovery** European Journal of Medicinal Chemistry (2023)
- 6) MB Majnooni, S Fakhri, SM Ghanadian, *G Bahrami*, K Mansouri, A Iranpanah, MH Farzaei, M Mojarrab **Inhibiting Angiogenesis by Anti-Cancer Saponins: From Phytochemistry to Cellular Signaling Pathways.** Metabolites (2023)
- 7) Mohammad Bagher Majnooni, Sajad Fakhri, Syed Mustafa Ghanadian, *Gholamreza Bahrami*, Kamran Mansouri, Amin Iranpanah, Mohammad Hosein Farzaei, Mahdi Mojarrab **Inhibiting Angiogenesis by Anti-Cancer Saponins: From Phytochemistry to Cellular Signaling Pathways** Metabolites (2023)
- 8) Mohammad Hosein Farzaei, Pooneh Derayat, Zahra Pourmanouchehri, Mohsen Kahrarian, Zeinab Samimi, Marziyeh Hajialyani, *Gholamreza Bahrami*, Leila Hosseinzadeh, Khodabakhsh Rashidi, Ahmad Tajehmiri, Leila Behbood **Characterization and evaluation of antibacterial and wound healing activity of naringenin-loaded polyethylene glycol/polycaprolactone electrospun nanofibers** Journal of Drug Delivery Science and Technology (2023)
- 9) Mina Khosravifar, Soraya Sajadimajd, *Gholamreza Bahrami* **Anti-diabetic Effects of**

Macronutrients via Modulation of Angiogenesis: A Comprehensive Review on Carbohydrates and Proteins Current Molecular Medicine (2023)

- 10) Soraya Sajadimajd, Gholamreza Bahrami, Bahareh Mohammadi, Seyed Hamid Madani **Notch signaling-induced cyclin d1 in diabetes ameliorating effects of the isolated polysaccharide from Rosa canina: In vitro and in vivo studies** Cell biochemistry and function (2022)
- 11) *Gholamreza Bahrami*, Rozita Naseri, Mina Khosravifar, Soraya Sajadimajd, Bahareh Mohammadi, Fatemeh Heydarpour, Sanaz Cheraghialiakbari **The Safety and Effectiveness of a Polysaccharide Extracted from Rosa Canina in Patients with NAFLD: A Randomized Trial** Clinical Diabetology (2022)
- 12) *Gholamreza Bahrami*, Nasim Batooei, Seyyed Rasul Mousavi, Seyed Shahram Miraghaee, Nouraddin Hosseinzadeh, Aref Hoshyari, Seyedmahdi Mousavian, Soraya Sajadimajd, Bahareh Mohammadi, Raziieh Hatami, Mohammad Mahdavi **Four-Component Heterocyclization Reaction for the One-Pot Synthesis of 2,4-Dichloro-Substituted Pyrano/Furo[2,3-d]pyrimidines in an Environmentally Benign ...** Polycyclic Aromatic Compounds (2022)
- 13) Zeinab Nouri, Soraya Sajadimajd, *Gholamreza Bahrami*, Sajad Moradi, Fereshteh Abdi, Mohammad Hosein Farzaei, Elham Arkan **Solid Lipid Nanoparticles Enhance Protective Effect of Rutin against STZ-Induced Neurotoxicity in PC12 Cells through Autophagy Suppression** Journal of Nanomaterials (2022)
- 14) Mazdak Limoe, Mohammad Allahdad, Hadi Samadian, *Gholamreza Bahrami*, Zahra Pourmanouchehri, Leila Hosseinzadeh, Bahareh Mohammadi, Amirhossein Vosoughi, Kimia Forouhar, Leila Behbood **Preparation and Evaluation of Extended-Release Nanofibers Loaded with Pramipexole as a Novel Oral Drug Delivery System: Hybridization of Hydrophilic and Hydrophobic Polymers** Journal of Pharmaceutical Innovation (2022)
- 15) Maryam Naseri, Hanieh Delfani, Shahla Mirzaeei, *Gholamreza Bahrami*, Mohammad Hosein Farzaei, Pardis Mohammadi Pour **Protective Effect of Nanoparticles of Oleoresin of Pistacia atlantica var. mutica Against Acetic Acid-Induced Ulcerative Colitis in Rats** Traditional and Integrative Medicine (2022)
- 16) Dariush Hasninia, Ghobad Salimi, *Gholamreza Bahrami*, Kiomars Sharafi, Abdullah Khalid Omer, Mansour Rezaie, Amir Kiani **Human health risk assessment of aflatoxin M1 in raw and pasteurized milk from the Kermanshah province, Iran** Journal of Food Composition and Analysis (2022)
- 17) Pardis Mohammadi Pour, Spideh Bidad, *Gholamreza Bahrami*, Leila Hosseinzadeh, Mahdi Mojarrab, Mohammad Hosein Farzaei **Evaluation of the Cytotoxicity of Aqueous Extract and Oleo-Essential Oil of Dorema ammoniacum Plant Oleo-Gum Resin in Some Human Cancer Cell Lines** Analytical Cellular Pathology (2022)
- 18) Mohammad Bagher Majnooni, Saeid Mohammadi, *Gholamreza Bahrami*, Ehsan Mohammadi-Noori, Mohammad Hosein Farzaei **Chemical Composition, Total Phenolic Content, and Anti-Ulcerative Colitis Effects of Extract and Essential Oil of Cupressus arizonica Greene Fruits** Traditional and Integrative Medicine (2022)
- 19) Zeinab Nouri, Soraya Sajadimajd, Leila Hoseinzadeh, *Gholamreza Bahrami*, Elham Arkan, Sajad Moradi, Fereshteh Abdi, Mohammad Hosein Farzaei **Neuroprotective effect of naringenin-loaded solid lipid nanoparticles against streptozocin-induced neurotoxicity through autophagy blockage** J Food Biochem

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- 20) Soraya Sajadimajd, Bahareh Mohammadi, *Gholamreza Bahrami*, Seyed Hamid Madani, Razieh Hatami, Seyed Shahram Miraghaee **Modulation of Notch signaling and angiogenesis via an isolated polysaccharide from *Momordica charantia* in diabetic rats** *Journal of Food Biochemistry* e14033 (2021)
- 21) Saba Shaygan, Sajad Fakhri, *Gholamreza Bahrami*, Khodabakhsh Rashidi, Mohammad Hosein Farzaei **Wound-Healing Potential of Cucurbita moschata Duchesne Fruit Peel Extract in a Rat Model of Excision Wound Repair** *Advances in Pharmacological and Pharmaceutical Sciences* (2021)
- 22) Mohammad Bagher Majnooni, Mari Ataee, *Gholamreza Bahrami*, Fatemeh Heydarpour, Ina Yosifova Aneva, Mohammad Hosein Farzaei, Touraj Ahmadi-Juoibari **The effects of co-administration of artichoke leaf extract supplementation with metformin and vitamin E in patients with nonalcoholic fatty liver disease: A randomized clinical ...** *Phytotherapy Research* (2021)
- 23) Hossein Derakhshankhah, Soraya Sajadimajd, Fatemeh Jahanshahi, Zakieh Samsonchi, Hassan Karimi, Ensiyeh Hajizadeh-Saffar, Samira Jafari, Mahdiah Razmi, Soroor Sadegh Malvajerd, *Gholamreza Bahrami*, Mehdi Razavi, Zhila Izadi **Immunoengineering Biomaterials in Cell-Based Therapy for Type 1 Diabetes** *Tissue Engineering* (2021)
- 24) *Gholamreza Bahrami*, Babak Izadi, Seyed Shahram Miraghaee, Bahar Mohammadi, Razieh Hatami, Soraya Sajadimajd, Nasim Batooeie **Antidiabetic potential of the isolated fractions from the plants of Rosaceae family in streptozotocin-induced diabetic rats** *Research in pharmaceutical sciences* (2021)
- 25) Sedigheh Eskandari, Soraya Sajadimajd, Loghman Alaei, Zhaleh Soheilikhah, Hossein Derakhshankhah, *Gholamreza Bahrami* **Targeting Common Signaling Pathways for the Treatment of Stroke and Alzheimer's: A Comprehensive Review** *Neurotoxicity research* (2021)
- 26) *Gholamreza Bahrami*, Nasim Batooeie, Seyyed Rasul Mousavi, Seyed Shahram Miraghaee, Nouraddin Hosseinzadeh, Seyedmahdi Mousavian, Aref Hoshyari, Soraya Sajadimajd, Bahareh Mohammadi, Razieh Hatami **Michael-Addition-Initiated Chemoselective Three-Component Reaction for the Synthesis of 2-(3-Oxo-1, 3-diarylpropyl) malonitrile Derivatives Using Cerium (IV) Ammonium Nitrate ...** *Polycyclic Aromatic Compounds* (2021)
- 27) Morteza Rabieia, Soheila Kashaniana, *Gholamreza Bahrami*, Hossein Derakhshankhah, Ebrahim Barzegarid, Seyedeh Sabereh Samavati, Steven J.P. McInnes **Dissolving microneedle-assisted long-acting Liraglutide delivery to control type 2 diabetes and obesity** *European Journal of Pharmaceutical Sciences* 167 (2021)
- 28) Soraya Sajadimajd, Mina Khosravifar, *Gholamreza Bahrami* **Anti-Diabetic Effects of Isolated Lipids from Natural Sources through Modulation of Angiogenesis** *Current Molecular Pharmacology* (2021)
- 29) Soraya Sajadimajd, Bahareh Mohammadi, *Gholamreza Bahrami*, Seyed Hamid Madani, Razieh Hatami, Seyed shahram Miraghaee **Anti-Diabetic Effect of a Polysaccharide Fraction From *Momordica Charantia*: Modulation of Notch Signaling** (2021)
- 30) Mohammad Saeid Salami, *Gholamreza Bahrami*, Elham Arkan, Zhila Izadi, Shahram Miraghaee and Hadi Samadian **Co-electrospun nanofibrous mats loaded with bitter**

- gourd (*Momordica charantia*) extract as the wound dressing materials: in vitro and in vivo study** BMC Complementary Medicine and Therapies (2021) 21:111
- 31) Touraj Shirzadian, Mohammad Sadegh Nourbakhsh, Ali Fattahi, *Gholamreza Bahrami*, Ghobad Mohammadi **Characterization and optimization of de-esterified Tragacanth-chitosan nanocomposite as a potential carrier for oral delivery of insulin: In vitro and ex vivo studies** Journal of Biomedical Materials Research Part A (2021)
 - 32) Mohammad Bagher Majnooni, Seid-Shahram Miraghaee, Samira Keshavarzi, Bahareh Mohammadi, Soraya Sajadi, Razieh Hatami, *Gholamreza Bahrami* **Rapid and sensitive UHPLC-DAD method for simultaneous determination of sofosbuvir and ledipasvir in human serum** Journal of Pharmaceutical and Biomedical Analysis Volume 195, 20 February (2021), 113860
 - 33) Ali R Jalalvand, Ghobad Mohammadi, Farid Najafi, Ehsan Sadeghi, *Gholamreza Bahrami*, Arman Rostamzad, Komail Sadrjavadi, Ehsan Azadi, Hadi Adibi, Hector C Goicoechea, Naser Abbasi, Hori Ghaneialvar **Developing an interesting electrochemical biosensing system from an enzyme inhibition study: Binding, inhibition and determination of catalase by ascorbate** Sensing and Bio-Sensing Research (2020)
 - 34) *Gholamreza Bahrami*, Ali Mostafaie, Amir Kiani, Maryam Chalabi **Bacterial starter cultures induce suitable changes in milk fatty acid profiles at different fermentation conditions.** J Dairy Res.(Nov2020)
 - 35) Gholamreza Bahrami, Hossein Malekshahi, Shahram Miraghaee, Hamid Madani, Atefeh Babaei **Improving animal model of induced colitis by acetic acid in terms of fibrosis and inflammation incidence in the colon** Journal of Investigative Surgery (2020)
 - 36) *Gholamreza Bahrami* , Hossein Malekshahi , Shahram Miraghaee , Hamid Madani , Atefeh Babaei , Bahareh Mohammadi , Razieh Hatami **Protective and Therapeutic Effects of Aloe Vera Gel on Ulcerative Colitis Induced by Acetic Acid in Rats** Clin Nutr Res. (2020 Jul) ;9(3):223-234
 - 37) Soraya Sajadimajd, *Gholamreza Bahrami*, Bahareh Mohammadi, Zeinab Nouri, Mohammad Hosein Farzaei, Jen-Tsung Chen **Protective effect of the isolated oligosaccharide from *Rosa canina* in STZ-treated cells through modulation of the autophagy pathway** Journal of food biochemistry (2020)
 - 38) *Gholamreza bahrami*, Soraya Sajadimajd, Bahareh Mohammadi, Razieh Hatami, Shahram Miraghaee, Samira Keshavarzi, Mozafar Khazaei, seyed Hamid Madani **Anti-diabetic effect of a novel oligosaccharide isolated from *Rosa canina* via modulation of DNA methylation in Streptozotocin-diabetic rats.** DARU Journal of Pharmaceutical Sciences (July 2020)
 - 39) *Gholamreza Bahrami*, Seyed Shahram Miraghaee, , Bahar Mohammadi, Mohammad Taher Bahrami , Gholamreza Taheripak , Samira Keshavarzi, Atefeh Babaei, Soraya Sajadimajd , and Razieh Hatami **Molecular mechanism of the anti-diabetic activity of an identified oligosaccharide from *Rosa canina*** Research in Pharmaceutical Sciences, February (2020); 15(1): 36-47
 - 40) Mehrali Rahimi, Soraya Sajadimajd, Zahra Mahdian, Marayam Hemmati, Peyman Malekshatabi, *Gholamreza Bahrami*, Bahareh Mohammadi, Shahram Miraghaee, Razieh Hatami, Kamran Mansouri, Hamid Reza Moahammadi motlagh, Samira Keshavarzi,

Hossein Derakhshankhah **Characterization and anti-diabetic effects of the oligosaccharide fraction isolated from Rosa canina in STZ-Induced diabetic rats from Rosa canina** Carbohydrate Research (2020)

- 41) Behzad Shahbazi, Saba Feyzmand, Fataneh Jafari, Nastaran Ghiasvand, *Gholamreza Bahrami*, Ali Fattahi, Solomon Habtemariam, Seyed-Mohammad Nabavi, Yalda Shokoohinia **Antidiabetic Potential of Prosopis farcta Roots: In Vitro Pancreatic Beta Cell Protection, Enhancement of Glucose Consumption, and Bioassay-Guided Fractionation** Evidence-Based Complementary and Alternative Medicine (2020)
- 42) *Gholamreza Bahrami*, Hosna Ehzari, Shokouh Mirzabeigy, Bahar Mohammadi, Elham Arkan, **Fabrication of a sensitive electrochemical sensor based on electrospun magnetic nanofibers for morphine analysis in biological samples** Materials Science & Engineering C 106, (2020)
- 43) Malekshahi H, *Bahrami G*, Miraghaee S, Ahmadi SA, Sajadimajd S, Hatami R, Mohammadi B, Keshavarzi S **Momordica charantia reverses type II diabetes in rat** J Food Biochem.(2019)Aug
- 44) Mahtab Amiri , Jafar Navabi, Yalda Shokoohinia, *Gholamreza Bahrami*, Fatemeh Heydarpour, Leila Behbood, Padide Derakhshandeh, Saeideh Momtaz, Mohammad Hosein Farzaei **Efficacy and safety of a standardized extract from Achillea wilhelmsii C. Koch in patients with ulcerative colitis: A randomized double blind placebo-controlled clinical trial** Complementary Therapies in Medicine(2019)
- 45) Soraya Sajadimajd *Gholamreza Bahrami*, Maria Daglia, Seyed Mohammad Nabavi Rozita Naseri, Mohammad Hosein Farzaei **Plant-Derived Supplementary Carbohydrates, Polysaccharides and Oligosaccharides in Management of Diabetes Mellitus: A Comprehensive Review** Food Reviews International (2019)