

# Curriculum Vitae



## Personal Information:

**First name :** Gholamreza                      **Sure name:** Bahrami

**Date of Birth:** Feb.20,1961                      **Nationality:** Iranian

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**Home Address:**

**Academic Degree:** Professor of Pharmacology

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**Education:**

**1984- 1989**                      **Pharm. D** in Pharmacy , School of Pharmacy, Isfahan University of Medical Sciences Isfahan, IRAN

**1989-1993**                      **Ph.D** in Pharmacology , School of Pharmacy, Isfahan University of Medical Sciences Isfahan, IRAN

**Work Experience :**

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

## Publications (English):

### *Books:*

*Bahrami G*, Trans and other fatty acids: Effects on endothelial functions. In: R.W. Watson et al. *Fatty Acids in Health Promotion and Disease Causation*. American Oil chemist association press, 2009

### *Patents:*

**Herbal extract composition for the treatment of diabetes and a method of extracting the same.** US 9296831 B2, Publication date: Mar 29, 2016

## ***Journals:***

- 1) 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
- 2) 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)
- 3) *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)
- 4) 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)
- 5) *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
- 6) 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)
- 7) *Golamreza bahrami*, Soraya Sajadimajd, Bahareh Mohammadi, Razieh Hatami, Shahram Miraghaee, Samira Keshavarzi, Mozafar Khazaeai, seyed Hamid Madani **Anti-diabetic effect of a novel oligosaccharide isolated from Rosa caninavia via modulation of DNA methylation in Streptozotocin-diabetic rats.** DARU Journal of Pharmaceutical Sciences (July 2020)
- 8) *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
- 9) Mehrali Rahimi, Soraya Sajadimajd, Zahra Mahdian, Marayam Hemmati, Peyman Malekkhatabi, *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)

- 10) 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)
- 11) *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)
- 12) 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
- 13) 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)
- 14) 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)
- 15) *Gholamreza Bahrami*, Leila Hosseinzadeh, Zahra Azadi, Bahareh Mohammadi, Zahra Mahdian, Marziyeh Hajialyani, Mohammad Hosein Farzaei **The Anti-Atherosclerotic Effect of Prosopis Farcta is Associated with the Inhibition of VCAM-1 and ICAM-1** Journal of Reports in Pharmaceutical Sciences( 2018)
- 16) Maryam Chalabi *Gholamreza Bahrami* Ali Mostafaie **Kermanshahi roghan and yoghurt: Comparison of fatty acid profiles and lipid qualities.** Dairy Technoligy (2018)
- 17) Ghaheri M, Kahrizi D, *Bahrami G*, Mohammadi-Motlagh HR. **Study of gene expression and steviol glycosides accumulation in Stevia rebaudiana Bertoni under various mannitol concentrations.** Mol Biol Rep. (2018) Dec
- 18) Mostafaie A, Bahrami G, Chalabi M **Effect of fermentation temperature and different Streptococcus thermophilus to Lactobacillus bulgaricus ratios on Kermanshahi roghan and yoghurt fatty acid profiles.** J Dairy Res. 2018 Nov
- 19) *Gholamreza Bahrami*, Hamid Nabiyar, Komail Sadrjavadi, Mohsen Shahlaei **Combined Unfolded Principal Component Analysis and Artificial Neural Network for Determination of Ibuprofen in Human Serum by Three-Dimensional Excitation–Emission Matrix Fluorescence Spectroscopy** Iranian Journal of Pharmaceutical Research(2018)
- 20) Samira Keshavarzi, *Gholamreza Bahrami*, Bahareh Mohammadi, Raziieh Hatami, Shahram Miraghaee **Syrian Mesquite Extract Improves Serum Lipids and Liver Tissue in NFALD modelled Rabbits** Middle East Journal of Family Medicine(2018)
- 21) Matin Ghaheri, Shahram Miraghaee, Atefeh Babaei, Bahareh Mohammadi, Danial Kahrizi, ZM Haghighi Saivosh, *Gholamreza Bahrami* **Effect of Stevia rebaudiana Bertoni extract on sexual dysfunction in Streptozotocin-induced diabetic male**

- rats.** Cellular and molecular biology (Noisy-le-Grand, France)(2018)
- 22) D Shakibaei, R Gorgani, M Hesari, *GH Bahrami*, A Kiani **Protective effects of garlic powder on the performance of testosterone- induced cardiac hypertrophy in rats** Journal of Zanjan University of Medical Sciences and Health Services(2018)
  - 23) Sajad Fakhri, Bahareh Mohammadi, Ronak Jalili, Marzieh Hajalyani, *Gholamreza Bahrami* **Screening and confirmation of different synthetic adulterants in slimming products** SCREENING(2018)
  - 24) Saba Feyzmand, Behzad Shahbazi, Marzieh Marami, *Gholamreza Bahrami*, Ali Fattahi, Yalda Shokoohinia **Mechanistic In vitro Evaluation of Prosopis farcta Roots Potential as an Antidiabetic Folk Medicinal Plant** Pharmacognosy magazine(2018)
  - 25) Yalda Shokoohinia, *Gholamreza Bahrami*, Fatemeh Taherabadi, Fataneh Jaffari, Leila Hosseinzadeh **Apoptosis cell death effect of linoleic acid from nigella sativa on human ovary cancer cells through mitochondrial intrinsic pathway** Journal of Reports in Pharmaceutical Sciences(2018)
  - 26) Glavizh Rostami Nassab, Somayeh Bohlouli, Ali Ghanbari, Nasrin Jalilian, Farhad Ahmadi, Elham Farhadi, Yalda Shokoohinia, *Gholamreza Bahrami*, Fatemeh Taherabadi, Fataneh Jaffari, Leila Hosseinzadeh, Maryam Abbaspour, Mir Ali Farajzadeh, Maryam Khoubnasabjafari, Sajad Haririan, Abolghasem Jouyban, Saqlain Haider, Mohammad Sarwar Alam, Hinna Hamid, Sadiq Umar, Deepak Kumar, Syed Nazreen, Ali Fattahi, Behzad Shahbazi, Ghobad Mohammadi **Therapeutic effect of Ferulago angulata extract on reproductive parameters and serum testosterone levels in diabetic male rats** Journal of Reports in Pharmaceutical Sciences (2018)
  - 27) Houshang Nemati, Mohammad-Hosein Ghahramania, Reza Faridi-Majidi, Babak Izadi *Gholamreza Bahrami*, Seyed-Hamid Madani, Gholamreza Tavoosidana **Using siRNA-based spherical nucleic acid nanoparticle conjugates for gene regulation in psoriasis** Journal of Controlled Release(2017)
  - 28) Matin GHAHERI, Danial KAHRIZI, *Gholamreza BAHRAMI* **Effect of mannitol on some morphological characteristics of in vitro stevia rebaudiana Bertoni** BIHAREAN BIOLOGIST(2017)
  - 29) Mehdi Khodadadiana, Ronak Jalilia , Mohammad Taher Bahramia, b and *Gholamreza Bahrami*. Adsorptive Behavior and Voltammetric **Determination of Hydralazine Hydrochloride at A Glassy Carbon Electrode Modified with Multiwalled Carbon Nanotubes**. Iranian Journal of Pharmaceutical Research (2017), 16 (4): 1312-1319
  - 30) Shahram Miraghaei , Bahareh Mohammadi , Atefeh Babaei , Samira Keshavarz , *Gholamreza Bahrami*. **Development and validation of a new HPLC-DAD method for quantification of sofosbuvir in human serum and its comparison with LC-MS/MS technique: Application to a bioequivalence study.** Journal of Chromatography B 1063 (2017) 118–122
  - 31) Fatemeh Khademi, Ali Mostafaie, Shahram Parvaneh, Farah Gholami Rad, Pantea Mohammadi, *Gholamreza Bahrami* .**Construction and characterization of monoclonal antibodies against the extracellular domain of B-lymphocyte antigen CD20 using DNA immunization method.** 43 (2017) 23-32
  - 32) Ali Fattahi, Fatemeh Niyazi, Behzad Shahbazi, Mohammad Hosein Farzaei, *Gholamreza Bahrami* .**Antidiabetic mechanisms of Rosa canina fruits: An in vitro evaluation** .Journal of Evidence-Based Complementary & Alternative Medicine. 2016

- 33) Mohammad Bagher Majnooni, Bahareh Mohammadi, Ronak Jalili, Atefeh Babaei, *Gholamreza Bahrami*. **Determination of fatty acids by high-performance liquid chromatography and fluorescence detection using precolumn derivatization with 9-fluorenylmethyl chloroformate.** Journal of Liquid Chromatography & Related Technologies. 39 (2016) 877-881
- 34) Katayoun Derakhshandeh, Moin Karimi, Abbas Hemati Azandaryani, *Gholamreza Bahrami*, Kiumras Ghanbari. **Pharmacokinetic study of furosemide incorporated PLGA microspheres after oral administration to rat.** Iranian journal of basic medical sciences. 19 (2016) 1049
- 35) Dareuosh Shackebaei, Farid Feizollahi, Mahvash Hesari, *Gholamreza Bahrami*. **The Effect of Diazepam on the Function of Hypertrophied Rats' Hearts in Ischemia-Reperfusion Conditions.** 10 (2016) 89-94
- 36) Mohammad Taher Bahrami, Bahareh Mohammadi, Shahram Miraghaei, Atefeh Babaei, Matin Ghaheri, *Gholamreza Bahrami*. **Quantification of sofosbuvir in human serum by liquid chromatography-negative ionization mass spectrometry using the parent peak and its source-induced fragment; Application to a bioequivalence study.** Journal of Separation Sciences. 2016
- 37) Mohammad Reza Saidi, Mohammad Hosein Farzaei, Shahram Miraghaei, Atefeh Babaei, Bahareh Mohammadi, Mohammad Taher Bahrami, *Gholamreza Bahrami*, **Antihyperlipidemic Effect of Syrian Mesquite (*Prosopis farcta*) Root in High Cholesterol Diet-Fed Rabbits.** Journal of Evidence-Based Complementary & Alternative Medicine 2016 Oct;21(4)
- 38) Mohammad Bagher Gholivand, Mehdi Khodadadian & *Gholamreza Bahrami*. **Molecularly Imprinted Polymer Preconcentration and Flow Injection Amperometric Determination of 4-Nitrophenol in Water.** Analytical Letters, 48: 2856–2869, 2015
- 39) Mehdi Khodadadian, Ronak Jalili, and *Gholamreza Bahrami*. **Adsorptive behavior and voltammetric determination of hydralazine hydrochloride at a glassy carbon electrode modified with multiwalled carbon nanotubes** I.J.P.R 2015
- 40) M. Ghaheri, D Kahrizi, *G Bahrami*. **Effect of mannitol on some morphological characteristics of in vitro - Biharean Biologist,** 2015
- 41) *Gholamreza Bahrami*, Hamid Nabiyyar, Komail Sadr Javadi, Mohsen Shahlaei. **A Linear Principal Component Regression and Nonlinear Neural Network Model for Determination of Indomethacin in Plasma Samples Using UV-Vis Spectroscopy and Comparison with HPLC.** J. Rep. Pharm. Sci.4 (2015) 82
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- 45) *Gholamreza Bahrami*, Soheila Bahrami, Mohammad Taher Bahrami, Yahya Pasdar, Mansour Rezaei, Mitra Darbandi **The Trans Fatty Acid Content of Snacks Offered in Kermanshah** *International Journal of Health and Life Sciences* 2015
- 46) Mohammad Bagher Majnooni, Ronak Jalili, Bahareh Mohammadi, Sayed Shahram Miraghaee, Sajad Fakhri, *Gholamreza Bahrami*. **Development and validation of a new method for determination of topiramate in bulk and pharmaceutical formulation using high performance liquid chromatography-UV detection after pre-column derivatization.** *J. Rep. Pharm. Sci.* 3 (2014) 179
- 47) Katayoun Derakhshandeh, *Gholamreza Bahrami*, Bahareh Mohammadi, Elaheh Alizadeh. **Oral Bioavailability and Pharmacokinetic Study of Clarithromycin in Different Dosage Forms in Iranian Healthy Volunteers.** *Journal of Bioequivalence & Bioavailability* 6 (2014) 206
- 48) Taheri S, Jalali F, Fattahi N, *Bahrami G*. **Sensitive determination of atorvastatin in human plasma by dispersive liquid-liquid microextraction and solidification of floating organic drop followed by high-performance liquid chromatography.** *J Sep Sci.* 2015 Jun;38(2):309-15.
- 49) Taheri S, Jalali F, Fattahi N, Jalili R, *Bahrami G*. **Sensitive determination of methadone in human serum and urine by dispersive liquid-liquid microextraction based on the solidification of a floating organic droplet followed by HPLC-UV.** *J Sep Sci.* 2015 Oct;38(20):3545-51.
- 50) M.B. Majnooni, A. Mohammadi-Farani, M.B. Gholivand, M.R. Nikbakht and *GH. Bahrami* **Chemical composition and anxiolytic evaluation of Achillea Wilhelmsii C. Koch essential oil in rat** *Research in Pharmaceutical Sciences*, November 2013; 8(4): 269-275
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- 53) Mohammad Bagher Majnooni, Mohammad Bagher Gholivand, Mehdi Khodadadian, Nazanin-sadat Afanzade, *Gholamreza Bahrami* . **Electroreduction of tacrolimus as immunosuppressant agent at hanging mercury drop electrode: application to determination in pharmaceutical formulations.** *J. Rep. Pharm. Sci* 1 (2012) 41
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