

Curriculum Vitae

Iraj Salimikia, Pharm.D., Ph.D. Pharmacognosy

Personal Information:

Name: Iraj

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Education:

Ph.D.: Department of Pharmacognosy, Faculty of Pharmacy, Tehran University of Medical Sciences, Tehran, Iran (2010-2014).

Pharm.D.: Faculty of Pharmacy, Isfahan University of Medical Sciences, Isfahan, Iran. (2004, 2010).

Awards:

1. 1st rank of Ph.D. entrance exam (2010).
2. 2nd rank of National Board of pharmacognosy (2012).

Thesis:

1. "Phytochemical investigation of *Salvia chloroleuca* Rech. f. & Allen and its effect on withdrawal syndrome in mice". Ph.D. Thesis. Faculty of Pharmacy, Tehran University of Medical Sciences, Tehran, Iran.
2. "The effect of *Matricaria aurea* volatile oil on acetic-acid induced acute colitis in rats ". Pharm.D. Thesis. Faculty of Pharmacy, Esfahan University of Medical Sciences, Esfahan, Iran.

Articles:

- 1) Mirzania F, **Salimikia I***, Marzban A, Firouzi A, Nazarzadeh A, Aalaei J. Biological Activities of Zinc Oxide Nanoparticles Green Synthesized Using the Aqueous Extract of *Dracocephalum kotschy* Boiss. *Current Drug Discovery Technologies*. 2023 Dec 27.
- 2) Abdi M, Karamizadeh K, **Salimikia I**, Sarlak E. Identification of Medicinal Plants Used to Enhance Appetite and Increase Weight in Aligudarz, Lorestan Province: An Ethnobotanical Study. *Herbal Medicines Journal (Herb Med J)*. 2023 Dec 15;8(1).
- 3) Mirzania F, Ghasemian Yadegari J, **Salimikia I***, Sarrafi Y, Aliahmadi A, Aalaei J. Variation of Eryngo (*Eryngium caucasicum* Trautv) Essential Oil Content and Biological Activity in Wild and Cultivated Conditions. *Journal of Medicinal plants and By-product*. 2023 Jul 23.
- 4) Mirzania F, **Salimikia I***, Ghasemian-Yadegari J, Aalaei J, Ghobadi MA, Taheri Demneh M, Nazarzadeh A. Investigating the protective effect of the methanolic extract of *Salvia multicaulis* on renal ischemia-reperfusion injuries in rats. *Health Biotechnology and Biopharma (HBB)*. 2023 Jul 1;7(1):60-77.
- 5) **Salimikia I**, Aminnezhad S, Maghsoudloo M, Mirzania F. Anti-neurodegenerative, anticancer, anti-inflammatory, and antiobesity activities of theaflavin and its derivatives. *Micro Nano Bio Aspects*, 2023; 2(4): 8-16. doi: 10.22034/mnba.2023.413015.1044
- 6) **Salimikia I**, Heidari F. Therapeutic potentials of reserpine formulations: Recent progress and challenges. *Micro Nano Bio Aspects*, 2023; 2(2): 1-5. doi: 10.22034/mnba.2023.391996.1029
- 7) Mirzania F, Ghasemian Yadegari J, **Salimikia I**. Antileishmanial Activity of Natural Diterpenoids: A Comprehensive Review. *Current Organic Chemistry*. 2023 May 1;27(9):772-81.
- 8) **Salimikia I**, Mirzania F. A Review of Traditional Uses, Phytochemistry, and Pharmacology of *Salvia chloroleuca* Rech. f. & Aellen. *Current Traditional Medicine*. 2022 Dec 1; 8(6):50-9.
- 9) Mahmoudvand H, Yadegari JG, Khalaf AK, Hashemi MJ, Dastyarhaghghi S, **Salimikia I***. Chemical composition, antileishmanial, and cytotoxic effects *Ferula macrecolea* essential oil against *Leishmania tropica*. *Parasite Epidemiology and Control*. 2022 Nov 1; 19: 00270.
- 10) Alahnoori F, Toulabi T, Kordestani-Moghadam P, Jafari Pour F, Anbari K, **Salimikia I**. The Effect of Sumac Fruit on Serum Lipids and Body Mass Index in Hemodialysis Patients. *Evidence-Based Complementary and Alternative Medicine*. 2022 Oct 27; 2022.
- 11) **Salimikia I**, Hakami M, Shahmoradi MK. Iranian Herbal Medicines against Hydatid Cyst Protoscoleces: A Systematic Review. *Infectious Disorders-Drug Targets (Formerly Current Drug Targets-Infectious Disorders)*. 2021 Aug 1; 21(5):38-44.
- 12) Hosivandi S, Asadi F, **Salimikia I***. Evaluation of the Protective Effect of *Salvia macrosiphon* Boiss on the Serum Urea and Creatinine Levels in Renal Ischemia Reperfusion Injury. *Yafteh*. 2021; 23(3).
- 13) Alyousif MS, Al-Abodi HR, Almohammed H, Alanazi AD, Mahmoudvand H, Shalamzari MH, **Salimikia I***. Chemical Composition, Apoptotic Activity, and Antiparasitic Effects of *Ferula macrecolea* Essential Oil against *Echinococcus granulosus* Protoscoleces. *Molecules*. 2021 Jan;26(4):888.
- 14) Cheraghipour K, Masoori L, Ezzatkah F, **Salimikia I**, Amiri S, Makenali AS, Taherpour F, Mahmoudvand H. Effect of chitosan on *Toxoplasma gondii* infection: A systematic review. *Parasite Epidemiology and Control*. 2020 Oct 21.

- 15) **Salimikia I**, Bahmani M, Abbaszadeh S, Rafieian-Kopaei M, Nazer MR. Campylobacter: A review of new promising remedies with medicinal plants and natural antioxidants. Mini reviews in medicinal chemistry. 2020 Sep 1;20(15):1462-74.
- 16) Bahmani M, Jalilian A, **Salimikia I**, Shahsavari S, Abbasi N. Phytochemical screening of two Ilam native plants *Ziziphus nummularia* (Burm. f.) Wight & Arn. and *Ziziphus spina-christi* (Mill.) Georgi using HS-SPME and GC-MS spectroscopy. Plant Science Today. 2020 May 6;7(2):275-80.
- 17) Khorshidi N, Rahimi M, **Salimikia I***. Application of aeration-assisted homogeneous liquid-liquid microextraction procedure using Box-Behnken design for determination of curcumin by HPLC. Journal of Separation Science. 2020 Apr 7.
- 18) Alavi M, Karimi N, **Salimikia I***. Phytosynthesis of zinc oxide nanoparticles and its antibacterial, anti-quorum sensing, antimotility, and antioxidant capacities against multidrug resistant bacteria. Journal of Industrial and Engineering Chemistry. 2019 Apr 25; 72:457-73.
- 19) Chahardoli A, Karimi N, Fattahi A, **Salimikia I***. Biological applications of phytosynthesized gold nanoparticles using leaf extract of *Dracocephalum kotschyi*. Journal of Biomedical Materials Research Part A. 2019 Mar;107(3):621-30.
- 20) **Salimikia I**, Heydari R, Yazdankhah F. Polyaniline/graphene oxide nanocomposite as a sorbent for extraction and determination of nicotine using headspace solid-phase microextraction and gas chromatography-flame ionization detector. Journal of the Iranian Chemical Society. 2018;15(7):1593-601.
- 21) Bazvandi L, Shokoohinia Y, Ghasvand N, Mohajeri P, Ashrafi B, **Salimikia I***. The Antimicrobial Activity of Different Extracts from *Echinophora platyloba* DC. Herbal Medicines Journal. 2017; 2(4): 53-7.
- 22) Karimi N, **Salimikia I***, Ramak P, Soheilikhah Z, Shamizadeh M, Gholivand MB. Chemical Composition, Antioxidant and Antimicrobial Activities of Essential Oil from *Leutea kurdistanica* mozaff. Herbal Medicines Journal. 2016 Dec 5;1(1):47-52.
- 23) **Salimikia I**, Monsef-Esfahani HR, Gohari AR, Salek M. Phytochemical analysis and antioxidant activity of *Salvia chloroleuca* aerial extracts. Iranian Red Crescent Medical Journal. 2016 Aug;18(8).
- 24) **Salimikia I**, Aryanpour M, Bahramsoltani R, Abdollahi M, Abdolghaffari A, Samadi N, et al. Phytochemical and Wound Healing Effects of Methanolic Extract of *Salvia multicaulis* Vahl. in Rat. Journal of Medicinal Plants. 2016;1(57):38-46
- 25) **Salimikia I**, Moridi Farimani M, Monsef-Esfahani HR, Gohari AR. A new rearranged tricyclic abietane diterpenoid from *Salvia chloroleuca* Rech. f. & Allen. Natural product research. 2016 Jan 2;30(1):120-4.
- 26) Dalimi A, Delavari M, **Salimikia I**. Evaluation of the Effect of *Achillea biebersteinii* Essential Oil on *Leishmania major* Promastigote and Amastigote Growth under In Vitro Conditions. Pathobiology Research. 2015 Jun 15;18(2):41-51.
- 27) **Salimikia I**, HR ME, Sharifzadeh M, Gohari AR, Salek M. α -Amylase inhibitory property, antioxidant activity and toxicological study of *Salvia chloroleuca*. Research Journal of Pharmacognosy. 2015 Jan 1;2(1):7-15.

- 28) **Salimikia I**, Yazdinezhad AR, Golfakhrabadi F, Esfahani HR. In vitro antioxidant and free radical scavenging activity of four Alkanna species growing in Iran. *Pharmacognosy research*. 2015 Jan;7(1):100.
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