

In the name of God



Curriculum Vitae

Personal Details

Reza Jahani: Pharm. D., Ph. D.

Assistant professor

Department of Toxicology and Pharmacology,

School of Pharmacy

Shahid Beheshti University of Medical Sciences

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Education

- 2015-2020** Ph.D. in Toxicology, School of Pharmacy, Shahid Beheshti University of Medical Sciences, Tehran, I. R. Iran.
- 03.2018-09.2018** Fellowship, Wageningen Food Safety Research, Wageningen University and Research, Akkermaalsbos 2, 6708 WB, Wageningen, The Netherlands.
- 2009-2015** Pharm.D, School of Pharmacy, Shahid Beheshti University of Medical Sciences, Tehran, I. R. Iran.
- 2012-2015** High School Diploma, Mahdieh High School, Qom, I. R. Iran.
- Pharm. D. thesis** Evaluation of anticonvulsant activity of novel thiazolidinon derivatives, by experimental model in mice.
Supervisors: Dr. Mehrdad Faizi
Co-supervisors: Dr. Abbas Tabatabai
- Ph.D. thesis** Development and optimization of different methods of authentication for lime/lemon juice and comparison of their application in the determination of lime/lemon juice adulteration
Supervisors: Dr. Hassan Yazdanpanah, Dr. Mehrdad Faizi, Dr. Farzad Kobarfard
Co-supervisors: Dr. Saskia M. van Ruth, Dr. Arash Mahboubi, Dr. Mohammad Hossein Shojaee AliAbadi

Employment History

- 2021-Present** Assistant Professor, Department of Toxicology and Pharmacology, School of Pharmacy, Shahid Beheshti University of Medical Sciences

Language Skills

English

Farsi: Native language

Major Research Interests

- 1) Developing methods for analyzing food contaminants and frauds using chromatography and spectroscopic techniques
- 2) Chemometrics
- 3) Behavioral pharmacology

Memberships of Professional Societies

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| 2018-present | Member of Presidency of Islamic Republic of Iran National Elite's Foundation |
| 2013-present | Member of Iranian Pharmacists Association |

Publications

- 2023** Exploring the biological application of *Penicillium fimorum*-derived silver nanoparticles: In vitro physicochemical, antifungal, biofilm inhibitory, antioxidant, anticoagulant, and thrombolytic performance
- 2023** Psychopharmacological assessment of antidepressant-like, anxiolytic, and sedativehypnotic effects of *Tilia platyphyllos* Scop. extract using experimental animal models
- 2022** Comparison of Portable and Benchtop Near-Infrared Spectrometers for the Detection of Citric Acid-adulterated Lime Juice: A Chemometrics Approach
- 2022** Challenges for the determination of spiramycin in aqueous matrices using LC-MS/MS: evidence for the solvent intrusion on the molecule integrity
- 2022** Isotopic signatures and patterns of volatile compounds for discrimination of genuine lemon, genuine lime and adulterated lime juices
- 2021** Detection of lime juice adulteration by simultaneous determination of main organic acids using liquid chromatography-tandem mass spectrometry
- 2021** Overview, consequences, and strategies for overcoming matrix effects in LC-MS/MS analysis; A critical review
- 2021** Sedative-hypnotic, anxiolytic and possible side effects of *Salvia limbata* C. A. Mey. Extracts and the effects of phenological stage and altitude on the rosmarinic acid content
- 2021** Changes in the essential oil content and composition of *Salvia limbata* C.A. Mey at different growth stages and altitudes
- 2021** A Comparison of Artificial Intelligence Techniques for Predicting Hyperforin Content in *Hypericum perforatum* L. in Different Ecological Habitats
- 2021** Development of a decision support system tool to predict the pulmonary function using artificial neural network approach
- 2021** Prediction of hypericin content in *Hypericum perforatum* L. in different ecological habitat using artificial neural networks. Published in *Plant Methods*; Impact Factor: 4.266
- 2021** Design, synthesis, and preliminary pharmacological evaluation of novel thiazolidinone derivatives as potential benzodiazepine agonists. Published in *Molecular Diversity*; Impact Factor: 2.013

- 2020** Design, synthesis, and pharmacological evaluation of novel 1,2,4-triazol-3-amine derivatives as potential agonists of GABAA subtype receptors with anticonvulsant and hypnotic effects. Published in *Bioorganic Chemistry*; Impact Factor: 4.831
- 2020** MLR and ANN Approaches for Prediction of Synthetic/Natural Nanofibers Diameter in the Environmental and Medical. Published in *Scientific Reports*; Impact Factor: 4.011.
- 2020** Neuro-behavioral profile and toxicity of the essential oil of *Dorema ammoniacum* gum as an anti-seizure, anti-nociceptive, and hypnotic agent with memory-enhancing properties in D-galactose induced aging mice. Published in *Iranian Journal of Pharmaceutical Research*; Impact Factor: 1.183
- 2020** Novel application of near-infrared spectroscopy and chemometrics approach for detection of lime juice adulteration. Published in *Iranian Journal of Pharmaceutical Research*; Impact Factor: 1.183
- 2019** Evaluation and comparison of the antidepressant-like activity of *Artemisia dracuncululus* and *Stachys lavandulifolia* ethanolic extracts: an in vivo study. Published in *Research in Pharmaceutical Sciences journal*; Impact Factor: emerging sources citation index)
- 2019** An In-Vivo Study on Anticonvulsant, Anxiolytic, and Sedative-Hypnotic Effects of the Polyphenol-Rich *Thymus Kotschyanus* Extract; Evidence for the involvement of GABAA Receptors. Published in *Iranian Journal of Pharmaceutical Research*; Impact Factor: 1.183
- 2017** Novel 4-thiazolidinone derivatives as agonists of benzodiazepine receptors: Design, synthesis and pharmacological evaluation Published in *Experimental and Clinical Sciences Journal*; Impact Factor: 2.424
- 2016** Design, synthesis, pharmacological evaluation, and docking study of new acridone-based 1, 2,4-oxadiazoles as potential anticonvulsant agents. Published in *European Journal of Medicinal Chemistry*; Impact Factor: 4.833

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Google Scholar	https://scholar.google.com/citations?user=BCnm94gAAAAJ&hl=en
Scopus	https://www.scopus.com/authid/detail.uri?authorId=57191348485
Web of Sciences	https://www.webofscience.com/wos/author/record/AAH-7348-2021
Research Gate	https://www.researchgate.net/profile/Reza-Jahani

Books

- 2021** Medical plant monographs, Shahid Beheshti University of Medical Sciences Publication, In Persian
- 2018** Review of Toxicology, Volume 3, Etminan publication, In Persian
Supervisors: Dr. Mehrdad Faizi and Dr. Mohammad Sharifzadeh
- 2018** Review of Toxicology, Volume 2, Etminan publication ,In Persian,
Supervisor: Dr. Mehrdad Faizi
- 2017** Review of Toxicology, Volume 1, Etminan publication, In Persian,
Supervisor: Dr. Mehrdad Faizi
- 2017** Classified Questions of Toxicology, Etminan publication, In Persian,
Supervisor: Dr. Mehrdad Faizi

Technology (Method) Transfer and Implementation

- 2019** Implementation of near-infrared spectroscopy and chemometrics techniques in the analytical toxicology laboratory of the School of Pharmacy, Shahid Beheshti University of Medical Sciences.
- 2017** Implementation of the acute dermal irritation/corrosion test (OECD 404) in the animal laboratory of School of Pharmacy, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

Compilation of National Standards

- 2019** Compilation of HPLC-UV and HPLC-MS/MS techniques for the detection of lime juice adulteration as a national standard in the Iranian National Standardization Organization. (INSO: 15851)

Reviewer of Journals

- 2014-Present** Journal reviewer of Iranian Journal of Pharmaceutical Sciences
- 2016-Present** Journal reviewer of Iranian Journal of Pharmaceutical Research