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Educational Background:

PharmD: 1989, in Pharmacy, Faculty of Pharmacy, Tabriz University of Medical Sciences, Tabriz, Iran.

PhD: 1998, in Pharmacognosy, from: above mentioned address

Post-Doc: 2005, in Bioactivity screening of Natural products, from : School of Pharmacy, Robert Gordon University, Aberdeen, Scotland

Positions held:

- 1991-1998: Instructor in Pharmacognosy
- 1999-2005: Assistant Professor of Pharmacognosy
- 2005-2010: Associate Professor of Pharmacognosy
- 2010 : Professor of Pharmacognosy

Teaching experiences:

Phytochemistry, Pharmacognosy, Medicinal Botany, Advanced Biochemistry, Plant Cell Culture, 1&2 D-NMR, Separation and Purification of Natural Products,

Administrative experiences:

- Deputy Dean, Administrative & Financial Affairs of Faculty of Pharmacy (1998-2004).
- Deputy Dean, Research Affairs of Faculty of Pharmacy (2006-2008).
- Deputy Dean, Research Affairs of Research Center for Pharmaceutical Nanotechnology (2011-2012)
- Head of Herbarium of Faculty of Pharmacy (since 2011).
- Deputy Dean, Administrative & Financial Affairs of Faculty of Pharmacy (2016-2018)
- Head of Pharmacognosy Dep. (2016 - 2023).

Professional memberships:

- Editorial Board of: Phytochemical analysis, BioImpacts and Pharmaceutical Sciences journals
- Member of: National Pharmacognosy Board (2001-2012)

Research experiences:

- Isolation and structure elucidation of secondary metabolites by means of 1D & 2D NMR, Mass, IR and UV spectroscopy.
- Investigation on Traditional and Folk Medicine of Azarbaijan province- Iran.

- Bioassay guided isolation and identification of cytotoxic and antitumor compounds.
- Bioassay guided isolation and identification of antimicrobial and anti-protozoal natural products.
- Taxonomy of medicinal plants of Azarbaijan province.
- Method development in HPLC analysis of secondary metabolites.

Publications

2024

Amini, S., Fattahi, M. & Nazemiyeh, H. Optimization of induction and hairy root culture establishment in two mullein species, *Verbascum erianthum* and *Verbascum stachydiforme*. *Sci Rep* 14, 5636 (2024). <https://doi.org/10.1038/s41598-024-56331-8>

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Ebrahimi A., Attar F., Nazemiyeh H., M Mirtadzadini, ..Pollen morphology of *Scorzonera* s.l. (Asteraceae, Cichorieae, Scorzonerinae) occurring in Iran. *Phytotaxa* , 2023, 595 (3), 241-285

Mehdizadeh F., Mohammadzadeh R., Nazemiyeh H., Mesgari-Abbasi M., ...Electrosprayed Nanoparticles Containing Hydroalcoholic Extract of *Echinacea purpurea* (L.) Moench

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Mehdizadeh F., Barzegar-Jalali M., Izadi E., Osouli-Bostanabad K., ... Green and chemical reduction approaches for facile pH-dependent synthesis of gold nanoparticles. Inorganic and Nano-Metal Chemistry , 2022, 52 (11), 1396-1404

Mehdizadeh F., Mohammadzadeh R., Nazemiyeh H., Mesgari-Abbasi M., Barzegar-Jalali M., Eskandani M., Adibkia Kh. Electrospayed Nanoparticles Containing Hydroalcoholic Extract of *Echinacea Purpurea* (L.) Moench Stimulates Immune System by Increasing Inflammatory Factors in Male Wistar Rats Advanced Pharmaceutical Bulletin (under press) 2022

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2020

Nazemiyeh H. , Zengin G., Mehrad H., Farhoudi M., Bahadori M. B. LC-MS/MS-based steroidal saponins profiling and biological activities of *Ruscus hyrcanus* Woronow , European Journal of Integrative Medicine, (2020), 40, 101245.

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2019

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N. Kirimer, T.A. Suleymanov, M. Kurkcuoglu, **H. Nazemiyeh**, A.S. Shukurova, ...Essential Oil Constituents of *Phlomis pungens* Willd. from Azerbaijan, *Journal of Essential Oil Bearing Plants*, 2017, 20 (6), 1492-1501

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