

Resume

Name Tahereh Hosseinabadi
Date of birth Sep. 6th 1977
Nationality Iranian

Current position Assistant Professor

Contact information Department of Pharmacognosy, School of pharmacy
Shahid Beheshti University of Medical Sciences,
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Education **Ph.D. in Pharmacognosy** (2008-2014)
Shahid Beheshti University of Medical Sciences, School of
Pharmacy, Tehran, Iran

Pharm. D. (1996-2002)
Mashhad University of medical sciences, School of Pharmacy Mashhad,
Iran

Ph.D Thesis Biotransformation of four steroidal substrates by two filamentous fungi
Supervisors: Dr. H. Vahidi, Dr. B. Nickavar and Dr. F. Kobarfard

Pharm.D Thesis Modified formulation of medium culture for *Helicobacter pylori* &
Antimicrobial effectivity of *Nepeta ucrainica L.subsp.kopetdaghensis*
against *H. pylori*.
Supervisors: Dr. M. Ramezani and Dr. M. khajekaramodini

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- Publications**
- **Biotransformation of progesterone by whole cells of filamentous fungi *Aspergillus brasiliensis***
Hosseinabadi T., Vahidi H., Nickavar B. and Kobarfard F.
Iran J pharm Res. 2015;14 (919-924)-
 - **Fungal transformation of androsta-1,4-diene-3,17-dione by *Aspergillus brasiliensis***
Hosseinabadi T., Vahidi H., Nickavar B. and Kobarfard F.
DARU Journal of Pharmaceutical Sciences Nov. 2014, 22:71
 - **The Relationship Between Janus Kinase Pathways and MicroRNAs**
M Ramezanpour, P Daei, K Khanaki, T Hosseinabadi, M Tabarzad, Trends in Peptide and Protein Sciences 1 (4), 144-152, 2017
 - **Concerns in the Design and Development of Novel Antimicrobial Peptides**
PP Chegini, I Nikokar, T Hosseinabadi, M Tabarzad, Trends in Peptide and Protein Sciences 1 (4), 135-143, 2017
 - **Study of Combined Ultrasound- Microwave Effect on Chemical Compositions and E.coli count of Rose Aromatic water**
Rostami, M Behruzian, B Hosseinzadeh Samani, Z Lorigooini, T. Hosseinabadi, H. Zareiforush, A. Behruzian, *Iran J pharm Res.* 2017
 - **Solubility of Calcium Oxalate and Calcium Phosphate Crystallization in Presence of Crude Extract and Fractions from *Kelussia odoratissima* Mozaff, A Torki, T Hosseinabadi, S Fasihzadeh, A Sadeghimanesh, JP Wibowo, Z. Lorigooin, Pharmacognosy Research 10 (4), 379, 2017**
 - **Medicinal Plants with Abortifacient Activity, N Akbarizadeha, A Borhan, N Baqalpour, J Mahroobakhtiari, J. Mahroobakhtiari, T. Hosseinabadi***
Peer-review multidisciplinary pharmacy scientific journal 1 (1), 66
 - **Identification and Determination of Chemical Compounds of Five Herbal Aromatic Waters from Iran, T Hosseinabadi, F Kobarfard, F Mojab, D Ghashghae, Research Journal of Pharmacognosy 4 (a00101s1), 86-86**
 - **Silymarin antiproliferative and apoptotic effects: Insights into its clinical impact in various types of cancer**
T. Hosseinabadi, Z. Lorigooini, M. Tabarzad, B.e Salehi, C. F Rodrigues, N. Martins, J. Sharifi-Rad, *Phytotherapy Research*, 2019
 - **Thymus spp. plants-Food applications and phytopharmacy properties**
B. Salehi, M. S. Abu-Darwish, A. Hussein Tarawneh, C. Cabral, A. V Gadetskaya, L. Salgueiro, T. Hosseinabadi, *et al*, Trends in Food Science & Technology, 2019
 - **Symphytum Species: A Comprehensive Review on Chemical Composition, Food Applications and Phytopharmacology**
-

Molecules,2019

- **Anti-inflammatory Activity of Bioactive Compounds from Microalgae and Cyanobacteria by Focusing on the Mechanisms of Action**

Maryam Tabarzad, Vahideh Atabaki, Tahereh Hosseinabadi

Molecular biology reports,2020

- **Effect of High Salinity on Mycosporine-Like Amino Acid Production in *Desmodium* sp.**

R. Gharib, M. Tabarzad, T. Hosseinabadi*

Trends in Peptide and Protein Sciences, 2020

- **Malva species: Insights on its chemical composition towards pharmacological applications**

Phytotherapy Research.2020

- **Mushrooms-rich preparations on wound healing: from nutritional and medicinal attributes to safety and toxicological concerns**

Frontiers in Pharmacology, 2020

Antinociceptive and anti-inflammatory studies on *Tradescantia zebrina*

N. Baghalpour, S.A. Ayatollahi., N. Naderi, T. Hosseinabadi*, Y.

Taheri.,et al. , Pakistan Journal of Botany, 2020

- **Toxicity effect of sesquiterpene lactones from *Jurinea gabrieliae* bornm on mitochondria isolated from U87 cells**

V. Atabaki, E. Seydi, T. Hosseinabadi*, J. Pourahmad, et al., Journal Natural Product Research, 2020

- **Chemical constituents from the roots of *Caragana grandiflora* (MB) DC. and their chemotaxonomic importance**

H. Rahimi, F. Kobarfard, T. Hosseinabadi*, Biochemical Systematics and Ecology,2021

- **Phytochemical compounds from *Jurinea macrocephala* subsp. *elbursensis* and their cytotoxicity evaluation**

V. Atabaki, J. Pourahmad, T. Hosseinabadi, South African Journal of Botany,2021

- **The Medicinal Importance of *Annona squamosa* fruits**

T. Hosseinabadi, J. Explor. Res. Pharmacol, 2021

- **Primary assessment of Mycosporine-Like Amino Acids Production by two species of *Fischerella* sp.**

M Tabarzad, V. Atabaki, T. Hosseinabadi*, S Baktash. IJPR. 2021

- **A Study on the Effect of Nitrate and Phosphate Concentrations on the Production of Mycosporine-Like Amino Acids by *Chlorella***

Vulgaris, T. Hosseinabadi, R. Gharib, Sh. Salehian, M. Tabarzad, Iranian Journal of Biotechnology 2021

- **Efficacy of a multiple-indication antiviral herbal drug (Saliravira®) for COVID-19 outpatients: A pre-clinical and randomized clinical trial study**, R. Ramazani Khorshiddoust*, S.Ramazani Khorshiddoust, T. Hosseinabadi*, F. Mottaghitalab,et al. Biomedicine &

Pharmacotherapy, 2022

- **Different sources of mycosporine-like amino acids: Natural, heterologous expression, and chemical synthesis/modifications**, F. Fathi, T. Hosseinabadi, A. Faraji, M. Tabarzad, Future Natural Products, 2022
- **The effect of massage therapy with black pepper oil on pain perception of non-specific low back pain: A randomized control trial**, G. Elumalai, F. Hossein Abadi, N. Luyah Anak Kuling, M. Sankaraval, T. Hosseinabadi, Journal of Pain Management, 2022
- **Is using blended learning of Lab skills by a modest augmented reality-based educational booklet supportive to pharmacy students?** Z. Mirmoghtadaie, **T. Hosseinabadi**, F. Tavakoli, M. Tabarzad, Strides in Development of Medical Education, 2023
- **The Analgesic and Anti-Inflammatory Effects of Partially Purified Polysaccharide Fractions of Cell-Free Medium and Biomass of *Spirulina platensis***, Mohammad Dehghanizadeh Baghdadabad, Nima Naderi, Vahideh Atabaki, Mohammad Ali Faramarzi, Maryam Tabarzad*, **Tahereh Hosseinabadi***, Iranian Journal of Pharmaceutical Research, 2023
- **Culture Optimization to Produce High Yields of Mycosporine-Like Amino Acids by *Fischerella* sp. F5**, Sh. Salehian, M. Saadatbakht, M. Tabarzad*, T. Hosseinabadi*, Molecular Biotechnology, 2023
- **Quantitative and Qualitative Control of Some of Aromatic Herbal Tea in the Market in Iran**, Tahereh Hosseinabadi, Faraz Mojab, Yasaman Majbouri Yazdi, 2023

- **Book and book chapter:**
- **Exam Collection Graduates from abroad. Evaluation and promotion of pharmacy, book collections**, Pharmacognosy section, Etminan Publication, 2017
<https://scholar.google.com/citations?user=esn5QA8AAAAJ&hl=en>

- **Improved Silymarin Characteristics for Clinical Applications by Novel Drug Delivery Systems**
Maryam Tabarzad, Fatemeh Ghorbani-Bidkorbek, Tahereh Hosseinabadi
CRC Press, 2019

**Work
Experiences**

2002- 2003 ,
Research Center of Pharmaceutical Sciences ,Bu-Ali institute Mashhad,
Iran -**Research Assistant** in Medicinal Plants Research Department
2003- 2004 ,
Head of Medicinal Plants Research Department, Research Center of

Pharmaceutical Sciences ,Bu-Ali institute Mashhad, Iran

2002-.2004

Bu-Ali institute Mashhad ,Iran- **Editor in chief** in the Bu-Ali Monthly magazine

2000 to 2007

Responsible Pharmacist in pharmacy, part time

2006-.Research Center of Pharmaceutical Sciences, Faculty of Pharmacy , Tehran University of medical sciences ,Tehran- **Research Assistant**

2007 to 2011

Regulatory affair manager (Responsible pharmacist) in Medical and pharmaceutical company, Tehran ,Iran (Pourateb company)

2011- 2014

Head of Regulatory affair department, medical and pharmaceutical Holding company, Tehran, Iran (Pourateb Holding company)

2014-2015

Dietary supplement production department manager (Iran darouk, Pourateb Holding company)

Managing director in Pharmaceutical and Cosmetic company (Pharyab darou, Pourateb Holding company)

2016 - 2017

Specialized consultant of pharmaceutical and dietary supplement company, (Raak darou company)

July 2015 till now

Assistant Professor, School of pharmacy, Pharmacognosy department Shahid Beheshti University of Medical Sciences

Feb 2016 till present

Representative of the University of International vice consular in pharmacy school, Shahid Beheshti University of Medical Sciences

Oct 2017- Nov 2018

Department Manager Deputy in Pharmacognosy and biotechnology department, School of pharmacy, Shahid Beheshti University of Medical Sciences

Nov. 2020 -2021

Scientific consultant of the MIM Daroo Pharmaceutical Company (Saliravira project)

**Seminar and
Congress
Presentations**

-Modified formulation of medium culture for *Helicobacter pylori* & Antimicrobial effectivity of *Nepeta ucrainica* L.subsp.kopetdaghensis against *H. pylori*, Hosseinabadi T., Khajekaramodini M. and Ramezani M. ,**3rd Biotechnology national congress**, Mashhad, Iran, Sep.2003.

- The Importance of Bioactive Peptides derived from Macro or Microalgae, **Iranian Pharmaceutical Sciences Congress (IPSC)**, T Hosseinabadi, M Tabarzad, Tehran, Iran, Oct 2015 ,Top Ranking oral presenter
- Quantitative and Qualitative Control of Some of Herbal Tea Bags Available in the Pharmaceutical Market in Tehran, *T. Hosseinabadi, F. Mojab, Y. Majbouri Yazd.* **6th National Congress on Medicinal Plants**, Tehran, Iran, May 2016, Oral Presentation
- The effect of Natural antioxidants on exercise-induced oxidative stress, **The 3rd International Conference on Physical Education, Health and Sport sciences**, Tanjong Malim, Malaysia, June 2016. Oral Presentation
- Application of Molecular Biology Methods in Herbal Medicine Authentication, **15th Iranian Pharmaceutical Sciences Congress (IPSC)**, Hamadan, Iran, Oct 2017
- Comparative Study of Two Extract Drying Methods on Extraction and Quantification of Parthenolide from *Tanacetum parthenium*, **15th Iranian Pharmaceutical Sciences Congress (IPSC)**, Hamadan, Iran, Oct 2017.
- Effect of freeze-drying on bioactivity of medicinal herb extracts; A review
15th Iranian Pharmaceutical Sciences Congress (IPSC), Hamadan, Iran, Oct 2017
- Identification and Determination of Chemical Compounds of Five Herbal Aromatic Waters from Iran
1st National Pharmacognosy Congress, Tehran University of Medical Sciences. Nov 2017
- Peptides and proteins with antifungal activity from medicinal plants
1th International Congress on Pharmacy Updates, Razi conference Center, Tehran, Iran, Feb 2018
- Medicinal Plants with Abortifacient Activity, **1th International Congress on Pharmacy Updates**, Razi conference Center, Tehran, Iran, Feb 2018
- Medicinal Plants and Natural Compounds in the Treatment of Acne: A Review, **1th International Congress on Pharmacy Updates**, Razi conference Center, Tehran, Iran, Feb 2018
- Study of Dietary Supplement Intake Status during COVID-19 Pandemic among Athletes and Non-athletes Based on Age Classes
International sports medicine & exercise science conference (ismesc) 2021, Malaysia

Supervisor

- Supervisor of 32 Pharm, D. Thesis (Since 2015)
- Supervisor of 2 PhD Thesis (Since 2016)

**Field of interests
and research**

- Isolation and Identification of natural compounds, Phytochemistry
- Biotransformation of natural and pharmaceutical components by microorganisms
- Biological and Pharmacological effects of herbal extracts and natural components
- Quality control of medicinal plants and herbal medicine
- Study of microalgae secondary metabolites and their biological effect
- Formulation and standardization of herbal medicines
- Study of marine organisms secondary metabolites
- Phytotherapy: Evaluation of clinical applications of medicinal plants

Membership

- Iranian Society of Pharmacognosy, since 2012
- Medical Council I.R. Iran , M.C.No.:10781, since 2003
- Iranian Pharmaceutical Association, Reg. No.:9912, since 2005
- Iranian Scientific Pharmaceutical Association, since 2014
- Editorial board of Journal of Exploratory Research in Pharmacology

**Computer
Skills**

Word, Power point, Excel, Photoshop,...

Languages

- Persian (Native)
- English
- French (basic)
- Arabic (basic; Reading and comprehension)

**Hobby
Ecotourism**

Sport, Music, Study, Writing, Literature, Traveling,