

**Curriculum Vitae**  
**Mohammad Hadi Farjoo MD, PhD**  
**Vital statistics advisor, and Medical illustrator**



**PERSONAL INFORMATION**

**Date of Birth:** 17 April 1968  
**Marital Status:** Married, (one daughter)  
**Cell Phone:** +989122080278  
**Work Phone:** +9823872539  
**e-mail:** [m.farjoo@sbm.ac.ir](mailto:m.farjoo@sbm.ac.ir) ; [mhfarjoo@gmail.com](mailto:mhfarjoo@gmail.com)  
**Website:** [https://www.linkedin.com/profile/preview?vpa=pub&locale=en\\_US](https://www.linkedin.com/profile/preview?vpa=pub&locale=en_US)  
**Instagram:** @bio\_aniamation  
**Current position:** Assistant professor, Pharmacology Dep., Shahid Beheshti University of Medical Sciences (SBMU), Tehran-Iran

**EDUCATIONAL BACKGROUND**

1999 - 2005      **PhD in Pharmacology:**  
Shahid Beheshti University of Medical Science, Tehran-Iran

2005 - 2006      **Research Fellow in Oncology Laboratory:**  
St. George Hospital, Sydney, Australia

1987 - 1993      **General Physician (MD)**  
Kashan University of Medical Science, Kashan-Iran

**GENERAL ABILITIES AND SKILLS**

- Excellent command in English
- Moderate command in Arabic
- Excellent mastery in: Excel, Word, PowerPoint, Adobe Photoshop, EndNote, Paperpile, SPSS, and Prism
- Very good mastery in Autodesk 3ds Max, and V-Ray

## **HONORS, PRIZES AND AWARDS**

2014      **The pharmacologic presentations on SlideShare website was considered among the top 1% of most viewed on SlideShare in 2013**



You received 73356 views in 2013.  
 That's nearly half the population of Oxford, UK!  
*Thanks for being an important part of our community!*

- 2010      **Officially praised by the president of Hamadan University of Medical Sciences for devotion in informatics management**  
 From Hamadan University of medical sciences, Hamadan-Iran
- 2006      **Praised by the head of the Pharmacology Dep. for high cooperative spirit and high quality services offered**  
 From Shahid Beheshti University of medical sciences (SBMU), Tehran-Iran
- 1999      **Considered among the talented persons for achieving the first rank in national entrance examination for Ph.D. degree**  
 From Center of Studies and Development of Medical Sciences, SBMU, Tehran-Iran
- 1996      **Officially praised by the president of Zahedan University of medical science**

**for diligence and devotion**

From Zahedan University of medical sciences, Zahedan-Iran

**PROFESSIONAL EXPERIENCES**

- 2016 –Present    **Assistant professor of Pharmacology**  
Shahid Beheshti University of Medical Sciences (SBMU), Tehran-Iran
- 2018 – 2020    **Consultant Pharmacologist in ICU**  
Shahid Modarres Hospital, Tehran-Iran
- 2015 - 2016    **Vice Chairman of the board**  
Atipharmed Co., Tehran – Iran
- 2013 - 2014    **Chairman of the board**  
Atipharmed Co. Tehran – Iran
- 2012 - 2016    **Manager of business R&D**  
Barakat Pharmaceutical Holding, Tehran – Iran
- 2012 - 2016    **Internal supervisor of feasibility studies for:**  
**1. Plasma derivatives**  
**2. Betalactam antibiotics**  
**3. Generic pharmaceutical products**  
**4. Injectional pharmaceutical products**  
Barakat Pharmaceutical Holding, Tehran – Iran
- 2011 - 2012    **Business development department**  
KBC Company, Tehran – Iran
- 2010 - 2011    **Manager of scientific research**  
Iran Daru Co., Tehran – Iran
- 2006 - 2010    **Assistant professor of pharmacology**  
Department of Pharmacology, School of Medicine, Hamadan  
University of Medical Sciences, Hamadan - Iran
- 2008 - 2010    **Head of the national educational committee of digital  
scientific resources**  
Ministry of Health and Medical Education, Tehran-Iran
- 2007 - 2010    **Head of informative Dep., and central library**  
Hamadan University of medical sciences, Hamadan-Iran
- 2008 - 2010    **Member of the IT committee**

Hamadan University of medical sciences, Hamadan-Iran

- 1998 - 1999     **Head of the family planning office**  
Ministry of health & medical education, Tehran - Iran
- 1996 - 1997     **Resident physician in Khash hospital (emergency ward and operation room)**  
Khash - Sistan & Baluchestan Province - Iran
- 1995 - 1996     **Head of disease control department & vice president of health center**  
Khash - Sistan & Baluchestan Province - Iran
- 1994 - 1995     **Head of rural health center**  
Dehpabid rural village - Sistan & Baluchestan Province - Iran

## **RESEARCHES & PUBLICATIONS**

- 2025     **Polypharmacy and Potentially Inappropriate Medication in Iranian People With Metabolic Syndrome: Epidemiological Aspects and Related Factors, a Multi-Level Cross-Sectional National Study**  
Health Science Reports, 8:e70600
- 2025     **Association of neurodegeneration, cognitive impairment, and short stature in Down syndrome; Could proinflammatory cytokines be the common factor**  
Brain Research Bulletin, 224, 111317
- 2025     **Artificial intelligence for Brugada syndrome diagnosis and gene variants interpretation**  
American Journal of Cardiovasc Disease, 15(1):1-12
- 2024     **Artificial Intelligence in Diagnosis of Long QT Syndrome: A Review of Current State, Challenges, and Future Perspectives**  
Mayo Clinic Proceedings Digital Health, 2(1):21-31
- 2024     **MMP inhibition as a novel strategy for extracellular matrix preservation during whole liver decellularization**  
Biomaterials Advances , 156
- 2024     **Assessment of Hemoglobin A1c Management and Prescription Cost Due to Polypharmacy Among Patients with Diabetes in Iran Based on the STEPS Iran 2016 Survey and a Prescription Database: A Multi-level, Cross-sectional National Study**  
Archives of Iranian Medicine, 27(1):1-7

- 2023 **Inhibition of EGF and CoCl<sub>2</sub>-Induced HIF-1 $\alpha$  and VEGF Production in Triple Negative MDA-MB-468 Cells by Umbelliprenin: Unveiling the Role of PI3K/AKT/mTOR and MAPK Pathways**  
Research Journal of Pharmacognosy, 11(1): 19-31
- 2022 **Alpha-Pinene Preserves Human Dopaminergic SH-SY5Y Cells against 6-Hydroxydopamine-Induced Toxicity through its Antioxidant and Antiapoptotic Properties and Gamma-Aminobutyric**  
Biomedical and Biotechnology Research Journal (BBRJ), v.6, no.2
- 2022 **Pre-clinical safety and therapeutic efficacy of a plant-based alkaloid in a human colon cancer xenograft model**  
Cell Death Discovery, v.8, no.1
- 2022 **The Cross-Talks Among Bone Morphogenetic Protein (BMP) Signaling and Other Prominent Pathways Involved in Neural Differentiation**  
Frontiers in Molecular Neuroscience, v.15
- 2022 **Human placenta-derived amniotic epithelial cells as a new therapeutic hope for COVID-19-associated acute respiratory distress syndrome (ARDS) and systemic inflammation**  
Stem Cell Research & Therapy, V.13, no.1
- 2022 **Therapeutic properties of stem cell-derived exosomes in ischemic heart disease**  
European Journal of Pharmacology, v.920
- 2022 **Doxorubicin-Induced Cardiotoxicity: An Overview on Pre-clinical Therapeutic Approaches**  
Cardiovascular Toxicology, v.22, no.4
- 2021 **Related Fluoxetine and Methylprednisolone Changes of TNF- $\alpha$  and IL-6 Expression in The Hypothyroidism Rat Model of Spinal Cord Injury**  
Cell Journal (Yakhteh), v.23, v.7
- 2021 **A glance into the Pathology of Covid-19, Its Current and Possible Treatments; Interleukin Antagonists as an Effective Option; A review**  
School of Medicine Students' Journal, v. 3, no.2

- 2020 **Recent Advances on Drug-Loaded Mesenchymal Stem Cells with Anti-neoplastic Agents for Targeted Treatment of Cancer**  
Frontiers in bioengineering and biotechnology, v.8
- 2019 **Recent advances in placenta-derived mesenchymal stem cells and their exosomes in cancer therapy**  
TERMIS EU 2019, Rhodes, Greece
- 2019 **Exosomes in diagnosis and therapy of cardiovascular diseases. Hype or hope?**  
TERMIS EU 2019, Rhodes, Greece
- 2019 **Human placenta derived membrane is a favorable natural biomaterial for vascular tissue engineering**  
TERMIS EU 2019, Rhodes, Greece
- 2013 **Matching of Generic and ATC Codes of Iran Pharmacopeia** Barakat Pharmaceutical Inc.
- 2013 **Coauthor of the Book: A Brief History of Pharmacy In Iran** Barakat Pharmaceutical Inc., Tehran-Iran
- 2012 **Analysis of Iran pharmaceutical products**  
Barakat Pharmaceutical Inc., Tehran-Iran
- 2009 **Referee of the book: Pharmacologic Basis of Inhaled Anesthetics**  
Hamadan University of Medical Science, Hamadan-Iran
- 2008 **Ascorbic Acid Interaction with Analgesic Effect of Morphine and Tramadol in Mice**  
Hamadan university of medical science
- 2007 **Study of serum digoxin level in hospitalized patients in some educational hospitals in Hamadan**  
Hamadan university of medical science
- 2004 **Author of the study guide of pulmonary pharmacology**  
Education Development Center (EDC) of Shahid Beheshti University, Tehran-Iran

## **CONFERENCES**

- 2021 **Covid-19 Oriented Pharmaceutical Treatment of Hypertension**  
Symposium of continuous education of medical staff, Oral presentation

- 2018 **A Glance to Molecular Basis of Novel Pharmaceutical Agents in Cardiovascular Disease**  
6th Iranian Joint Cardiovascular Congress  
Oral presentation
- 2008 **Improvement of teaching quality and students' learning**  
First educational festival of Shahid Motahhari  
Poster
- 2008 **Workshop of national digital library of medicine**  
Training of the official scientific board  
Oral presentation
- 2007 **Drugs used in emergencies**  
Retraining of paramedic personnel  
Oral presentation
- 2007 **Hair and skin drug therapy**  
Retraining of pharmacists  
Oral presentation
- 2006 **Drug interactions and toxicities in diabetes and thyroid diseases**  
Retraining of pharmacists  
Oral presentation
- 2006 **Drug therapy in Parkinson, cerebrovascular diseases, migraine and headache**  
Retraining of pharmacists  
Oral presentation
- 2006 **Logical prescription writing**  
Retraining of general and specialized Physicians.  
Oral presentation
- 2005 **Dual role of morphine and cannabinoid (ACEA) in cross tolerance and cross dependency in isolated tissues of mouse vas deferens and guinea pig ileum**  
17th congress of physiology and pharmacology  
Poster

### **SHORT COURSES & WORKSHOPS**

- 2018 **Corporate Governance**  
Tofigh Darou Conference center, Tehran-Iran
- 2018 **1st international congress on pharmacy updates**

- Razi Conference Center, Tehran-Iran
- 2018 **Intellectual property and Patent registration**  
Shahid Beheshti University of Medical Sciences, Tehran-Iran
- 2013 **Trading law of Iran**  
Barakat Pharmaceutical inc.
- 2012 **Introduction to CTD**  
Iran Daru Co., Tehran-Iran
- 2012 **Accounting & financial management for managers**  
Barakat Pharmaceutical inc., Tehran-Iran
- 2008 **Workshop of research methods (specialized for scientific board)**  
Education Development Center (EDC), Hamadan university of medical sciences, Hamadan-Iran
- 2007 **Workshop of article writhing in English, level 1 and 2 (specialized for scientific board)**  
Hamadan university of medical science, Hamadan-Iran
- 2007 **Workshop of ethics in research**  
Hamadan university of medical sciences, Hamadan-Iran
- 2007 **Workshop of scheduling, methods and assessment of training and instruction**  
Education Development Center (EDC). Hamadan university of medical sciences, Hamadan-Iran
- 2006 **Workshop of pharmacovigilance**  
Tehran university of medical sciences, Tehran- Iran
- 2005 **Animal Care and Ethics Course**  
Ethics Secretariat, The University of New South Wales. Sydney- Australia
- 2005 **Occupational Health and Safety (OHS) for working with animals**  
Risk Management Unit, The University of New South Wales. Sydney- Australia
- 2005 **Radiation training Program**  
Risk Management Unit, The University of New South Wales. Sydney, Australia
- 2001 **Workshop of Neuroscience Training**  
Physiology Dep. Shahid Beheshti University of medical sciences, Tehran-

Iran

**FOUNDINGS AND PLANNINGS**

1996    **Establishing a diagnostic medical laboratory**  
Dehpabid village, Khash - Sistan & Baluchestan Province - Iran