

A clear glass perfume bottle with a faceted stopper, containing pink rose petals and water, surrounded by fresh pink roses. The bottle is the central focus, with water droplets on its surface. The background is a soft, out-of-focus pink and white.

# Chapter 5:

Research and Research Centers  
in Persian Medicine

## A. Research in Persian Medicine

As noted in the policies of the Supreme Leader in the health system and the subject of traditional medicine, most of the issues related to Persian medicine, such as the recognition, explanation, promotion, development and institutionalization of traditional medicine of Iran; scientific and technical innovations in production and supply of traditional pharmaceutical products; standardization and updating of diagnostic and therapeutic methods of traditional medicine and its related products; and the exchange of experiences with other countries in the field of traditional medicine, move through the path of research. This important issue can also be derived from the National Documentation of Medicinal Plants and Traditional Medicine approved by the Cultural Revolution Council. Therefore, it is the task of policy makers and executives of the country, especially the Ministry of Health, as the trustee, to look at the issue of traditional medicine in a special and supportive way.

Persian medicine in the broad sense, refers to a very large range of studies including historical studies and explanation of the concepts of traditional medicine, lifestyle modification, extraction of therapeutic ideas from traditional texts, design and standardization of drugs and therapies, standardization of diagnosis and treatment, and finally, assessment of the efficacy and safety of traditional treatments from in-vitro to in-vivo studies and, ultimately, human studies. In addition, a variety of qualitative and epidemiological studies, ethnopharmacological studies, and many other fields can be counted.

Complementary and Integrative Medicine as a Branch of Science from the Perspective of the ISI Web of Knowledge Citations

In the classification of various knowledge domains in the ISI Web of Knowledge Citation Database, in the Journal Citation Reports 2018, of a total of 235 fields of knowledge in all sciences, one is recognized as integrative and complementary medicine, which ranks 146 based on the average impact factor of journals available in the relevant branch. Totally, in the field of traditional and complementary medicine, 25 journals are indexed in the ISI database, JCR 2020 (Table 6). Among them, in terms of coefficients, the Journal of Ginseng Research with the coefficient of influence of 6.060 is ranked first, and in terms of the number of referrals, the Journal of Ethnopharmacology with 45538 referrals ranked first.

**Table 6. ISI-Indexed Journals of Complementary and Integrative Medicine**

Based on the JCR 2020 Report

No.	Impact Factor	Journal Title
1	6.060	Journal of Ginseng Research
2	5.455	Chinese Medicine
3	5.340	Phytomedicine
4	4.667	American Journal of Chinese Medicine
5	4.360	Journal of Ethnopharmacology
6	3.659	BMC Complementary & Alternative Medicine
7	3.352	Planta Medica
8	3.279	Integrative Cancer Therapies
9	3.034	Journal of Integrative Medicine
10	3.032	Journal of Herbal Medicine
11	3.000	Chinese Journal of Natural Medicine
12	2.629	Evidence-based Complementary & Alternative Medicine
13	2.579	Journal of Alternative & Complementary Medicine
14	2.446	Complementary Therapies in Medicine
15	2.446	Complementary Therapies in Clinical Practice
16	2.368	Integrative Medicine Research
17	2.267	cupuncture in Medicine
18	1.978	Chinese Journal of Integrative Medicine
19	1.775	Explore-The Journal of Science and Healing
20	1.444	Homeopathy
21	1.437	Journal of Manipulative & Physiological Therapeutics
22	1.314	European Journal of Integrative Medicine
23	1.305	Alternative Therapies in Health and Medicine
24	1.211	Complementary Medicine Research
25	1.000	Holistic Nursing Practice

## Scientific Journals Related to Persian Medicine in Iran

Although a large number of reputable medical journals published in Iran also publish articles related to traditional medicine subjects, some scientific journals of Iran directly aim history of medicine, as well as traditional medicine and pharmacy, which are included in Table 7. Scientific journal here refers to the journals that are peer-reviewed and are not based on a news or promotion model.

**Table 7. Scientific Journals of Traditional Medicine Published in the Country**

<b>1- Journal Title:</b> Journal of Medical Ethics and History of Medicine <b>Website:</b> <a href="http://jmehm.tums.ac.ir/index.php/jmehm">http://jmehm.tums.ac.ir/index.php/jmehm</a> <b>Publisher:</b> Research Center for Medical Ethics and History of Medicine, Tehran University of Medical Sciences <b>Scientific-Research degree from Ministry of Health:</b> * <b>Important Indexes:</b> ISI (ESCI); PubMed Central; Scopus <b>Language:</b> English
<b>2- Journal Title:</b> Traditional and Integrative Medicine <b>Website:</b> <a href="http://jtim.tums.ac.ir/index.php/jtim">http://jtim.tums.ac.ir/index.php/jtim</a> <b>Publisher:</b> School of Persian Medicine, Tehran University of Medical Sciences <b>Scientific-Research degree from Ministry of Health:</b> * <b>Important Indexes:</b> copus <b>Language:</b> English
<b>3- Journal Title:</b> Journal of Research on History of Medicine <b>Website:</b> <a href="http://www.rhm.ir">www.rhm.ir</a> <b>Publisher:</b> Research Office for the History of Persian Medicine, Shiraz University of Medical Sciences <b>Scientific-Research degree from Ministry of Health:</b> * <b>Important Indexes:</b> Ebsco; ISC; Index Copernicus <b>Language:</b> English, Persian, Arabic
<b>4- Journal Title:</b> History of Medicine Quarterly <b>Website:</b> <a href="http://journals.sbm.ac.ir/mh">http://journals.sbm.ac.ir/mh</a> <b>Publisher:</b> Research Center for Medical Ethics and Rights, Shahid Beheshti University of Medical Sciences <b>Scientific-Research degree from Ministry of Health:</b> * <b>Important Indexes:</b> - <b>Language:</b> Persian
<b>5- Journal Title:</b> Iran and Islam Traditional Medicine <b>Website:</b> <a href="http://jiitm.ir/">http://jiitm.ir/</a> <b>Publisher:</b> Academy of Medical Sciences of the Islamic Republic of Iran <b>Scientific-Research degree from Ministry of Health:</b> * <b>Important Indexes:</b> - <b>Language:</b> Persian
<b>6- Journal Title:</b> Asian Journal of Clinical Case Reports for Traditional and Alternative Medicine <b>Website:</b> <a href="http://ajcrtam.ir">http://ajcrtam.ir</a> <b>Publisher:</b> Department of Health, Haj Talib Medical Complex <b>Scientific-Research degree from Ministry of Health:</b> - <b>Important Indexes:</b> - <b>Language:</b> English



## State of Knowledge Dissemination in the Field of Persian Medicine Based on a Report from SCOPUS

As shown in Figure 5, it can be observed that the process of publishing articles related to Persian medicine in the articles indexed in SCOPUS from 2005 to 2022 has been growing.<sup>1</sup> The number of articles published from 14 articles in 2005 reached 777 in 2022, which is the beginning of this growing trend with the launch of the programs related to traditional medicine in the country, indicating the positive impact of this national approach.

1- Search Strategy: ALL ("Persian Medicine") OR ALL ("Traditional Iranian Medicine") OR ALL ("Iranian Traditional Medicine") OR ALL ("Persian Traditional Medicine") OR ALL ("Traditional Persian Medicine") AND (EXCLUDE (PUBYEAR, 2023) AND (EXCLUDE (PUBYEAR, 2024)

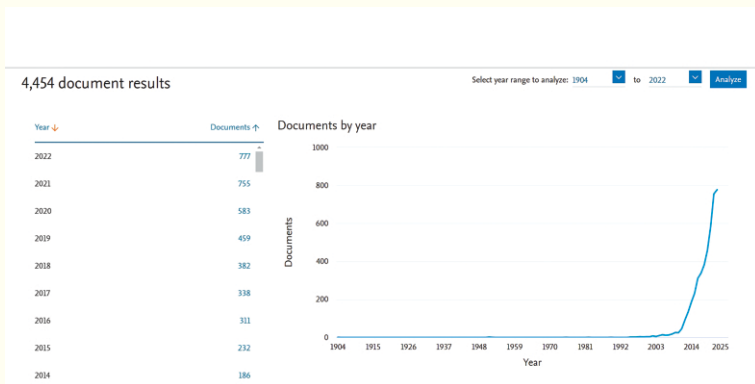


Figure 5. The Status of Articles with the Keywords of Persian Medicine in SCOPUS

The top four researchers in terms of publication of Persian medicine articles based on the keywords related to traditional medicine in SCOPUS by the beginning of the year 2023 were Mr. Kamalinezhad and Dr. Rahimi with 113 articles, Dr. Saeidi and Dr. Zargaran with 111 and 108 articles, respectively (Figure 6).

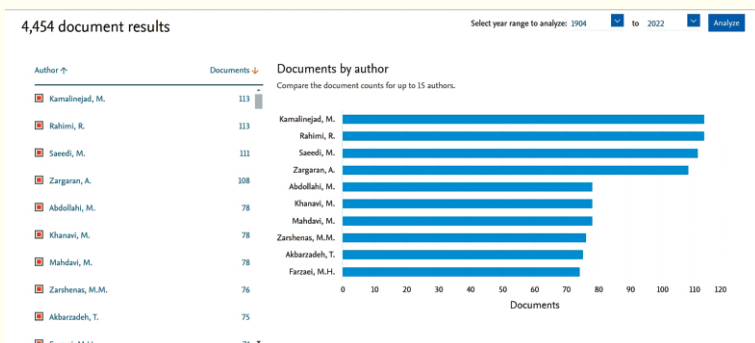


Figure 6. Top Researchers in Terms of Publications with the Keywords of Persian Medicine as Reported by SCOPUS

As demonstrated in Figure 7, a total of 4454 articles were published by the end of 2022 with the keywords of Persian medicine according to the SCOPUS report, among which the most published articles belong to Tehran University of Medical Sciences (911 articles), with the second and third ranks belonging to Shahid Beheshti University of Medical Sciences (517 articles) and Shiraz University of Medical Sciences (495 articles).

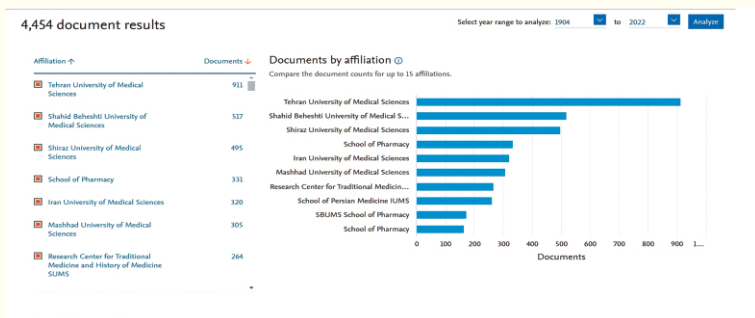


Figure 7. Searched Articles with the Keywords of Persian Medicine as Indexed in SCOPUS Based on Organizational Affiliation

Based on a recent scientometric study published in the Journal of Ethnopharmacology (2020), Iran reached the 5th rank of published papers among countries from 2011 to 2018 in the fields of ethnopharmacology, traditional medicine and phytotherapy, according to Web of Science (Table 8). Also, two Iranian Universities are among five top centers that published these types of articles during this period of time (Table 9).



## The ethnopharmacological literature: An analysis of the scientific landscape

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Atanas G. Atanasov<sup>f,g,h,i,\*\*\*\*</sup>



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<sup>g</sup> Department of Pharmacognosy, University of Vienna, Vienna, Austria

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<sup>i</sup> Ludwig Boltzmann Institute for Digital Health and Patient Safety, Medical University of Vienna, Spitalgasse 23, 1090 Vienna, Austria

**Table 8. Top 5 most productive countries/regions in each publication period**  
(<https://www.sciencedirect.com/science/article/pii/S0378874119311225>)

1990 and before	1991–2000	2001–2010	2011–2018
United States (n = 353; 22.7%)	United States (n = 607; 17.1%)	India (n = 2347; 14.8%)	China (n = 6051; 15.7%)
India (n = 160; 10.3%)	Japan (n = 421; 11.9%)	China (n = 1621; 10.2%)	India (n = 5873; 15.2%)
Japan (n = 131; 8.4%)	India (n = 294; 8.3%)	United States (n = 1614; 10.2%)	Brazil (n = 3404; 8.8%)
Germany (n = 53; 3.4%)	Germany (n = 206; 5.8%)	Brazil (n = 1504; 9.5%)	United States (n = 2560; 6.6%)
England (n = 49; 3.2%)	Brazil (n = 183; 5.2%)	South Korea (n = 775; 4.9%)	Iran (n = 2439; 6.3%)

**Table 9. Top 5 most productive institutions in each publication period**  
(<https://www.sciencedirect.com/science/article/pii/S0378874119311225>)

1990 and before	1991–2000	2001–2010	2011–2018
Council of Scientific and Industrial Research of India (n = 66; 4.3%)	University of California (n = 64; 1.8%)	Chinese Academy of Sciences (n = 329; 2.1%)	Chinese Academy of Sciences (n = 729; 1.9%)
University of Pittsburgh (n = 41; 2.6%)	Council of Scientific and Industrial Research of India (n = 58; 1.6%)	Council of Scientific and Industrial Research of India (n = 291; 1.8%)	Council of Scientific and Industrial Research of India (n = 718; 1.9%)
University of California (n = 38; 2.4%)	University of London (n = 58; 1.6%)	University of KwaZulu-Natal (n = 229; 1.4%)	Islamic Azad University of Iran (n = 476; 1.2%)
Kwame Nkrumah University of Science and Technology, Ghana (n = 32; 2.1%)	National Autonomous University of Mexico (n = 54; 1.5%)	University of São Paulo (n = 197; 1.2%)	King Saud University of Saudi Arabia (n = 434; 1.1%)
University of Illinois (n = 26; 1.7%)	University of Illinois (n = 51; 1.4%)	University of London (n = 177; 1.1%)	Tehran University of Medical Sciences (n = 409; 1.1%)





Moreover, according to Scimago (Figure 8), Iran stands 4th in publishing papers in the category of “Complementary and Alternative Medicine” in 2021 and 2022 after China, USA and India (by 495 and 505 published papers, respectively).

Country	↓ Documents	Citable documents	Citations	Self-Citations	Citations per Document	H index
1 China	4998	4953	2190	1569	0.44	107
2 United States	1168	1060	719	311	0.62	168
3 India	710	688	413	146	0.58	114
4 Iran	505	493	311	106	0.62	74
5 South Korea	480	468	391	141	0.81	93
6 Brazil	346	337	138	48	0.40	82
7 Germany	314	280	253	67	0.81	112
8 Japan	251	236	136	63	0.54	102
9 United Kingdom	244	221	175	35	0.72	101

Figure 8. Scimago report on country ranking for published documents in the category of “Complementary and Alternative Medicine” in 2021

## B. Research Centers in the Field of Persian Medicine

Generally speaking, active research centers in the field of Persian medicine are mainly based on three areas of traditional medicine, traditional pharmacy and related medicinal plants, and history and philosophy of medicine. In the following, these research centers will be introduced.



### Alborz University of Medical Sciences Evidence-Based Phytotherapy and Complementary Medicine Research Center

**Establishment:** 2017

**Address:** Office of Vice-President for Research and Technology, Saffarian Alley, Golshahr 45 Meter St., Karaj, Alborz

**Postcode:** 3198764653

**Phone:** (+98 26) 3464 3176, Ext.: 159

**Website:** <https://epcm.abzums.ac.ir/Portal/Home/Default.aspx>

**Introduction:** Evidence-Based Phytotherapy and Complementary Medicine Research Center was officially established in Alborz University of Medical Sciences in August 2017. Since the province of Alborz is one of the rich regions of Iran in terms of vegetation, the need to establish such a center was felt at Alborz University of Medical Sciences. The important difference between the center and other similar centers is its broad access to the clinical facilities available at the university for conducting clinical trials on traditional and herbal compounds.

#### 5-year Strategic Plan:

1. Creating a suitable platform with motivation and encouragement to employ potential students and delivering research theses of one dissertation per year during the 5-year period
2. Launching and contributing to the development of research projects in the 5-year plan to prevent and improve public health in the field of herbal and complementary medicine
3. Preparation of at least two standard plant products during 5 years
4. Compilation of at least two diets related to prevention or treatment of diseases by documenting native medicine diets.
5. Development of research involving participation of governmental and non-governmental organizations and intergovernmental organizations in three projects during the 5-year period
6. Necessary preparation for joint projects within the next two years
7. Establishing an effective communication network and establishing cooperation with centers and institutes of research and health in the field of documentation of herbal and complementary medicine
8. Preparation to attract grants from international organizations and research support institutions over the next two years
9. Presentation of 15 research projects during the 5-year program
10. Providing eight research papers throughout the year during the 5-year program
11. Participating in seminars, conferences and congresses
12. Empowering faculty members and center experts and students interested in conducting applied research within the next two years by providing facilities and equipment
13. Implementation of short-term training courses as a workshop in various fields
14. Publishing books by the center's researchers over the next two years
15. Publication of a specialized scientific journal and publication of articles



**Head of Research Center:**

**Dr. Mohammad Mehdi Ahmadian Attari**  
(Assistant Professor, Ph.D. of Traditional Pharmacy)  
**E-mail:** ahmadian.attari@gmail.com

**Number of Researchers and Faculty Members:** 10

### Ardabil University of Medical Sciences Traditional Medicine and Hydrotherapy Research Center (TMHRC)



**Establishment:** 2020

**Address:** Traditional Medicine and Hydrotherapy Research Center, next to Cultural Heritage, Handicrafts and Tourism Organization, Jajin square, Shohada highway, Ardabil, Iran

**Tel.:** (+98 45) 33257816

**E-mail:** thrca@arums.ac.ir

**Website:** <https://tmhrc.arums.ac.ir>





Complementary and Alternative Medicine (CAM) use increased significantly worldwide. A wide variety of CAM modalities are available. Integrative medicine, as the combination of conventional medicine with CAM practices, can be helpful in the mental, physical, and spiritual aspects of health. Due to the popularity of CAM and hot mineral springs in Ardabil, Iran, Traditional Medicine and Hydrotherapy Research Center (TMHRC) was established in 2020 at Ardabil University of Medical Sciences (ARUMS) as an academic research institution in order to develop research in traditional medicine and hydrotherapy through discovering and expanding knowledge, increase research capabilities at the national and regional levels and educate academic scholars. The main goals of TMHRC include:

- Efforts to develop research in the fields of traditional medicine, hydrotherapy and ethnobotany of the country
- Determining research priorities in order to produce science and conduct applied research needed by society
- Refining and updating the knowledge of traditional medicine
- Encouraging and employing researchers interested in other disciplines in the field of traditional medicine, complementary medicine and hydrotherapy
- Efforts to create cooperation networks between the country's research centers and conduct joint research with national and international research centers in the field of traditional medicine and hydrotherapy.
- To institutionalize the use of research results in provision of clinical services
- Production and dissemination of knowledge in the field of traditional and complementary medicine and hydrotherapy
- Training scientific groups and the general population



**Head of the Research Center:**

**Dr. Arezoo Moini Jazani** (Assistant Professor, MD, PhD of Persian Medicine)  
**E-mail:** a.moini@arums.ac.ir  
dr.moeni@yahoo.com

**Number of Researchers and Faculty Members: 10**

## **Babol University of Medical Sciences** **Research Center of Traditional Medicine and History of Medicine**



**Establishment:** 2015

**Address:** Research Center of Traditional Medicine and History of Medicine, Babol University of Medical Sciences, Babol

**Tel.:** (+98 11) 3219 4728, Ext.: 108

**Website:** <http://tim.mubabol.ac.ir/page/?id=86>



**Introduction:** The purpose of the Research Center of Traditional Medicine and History of Medicine, approved by the Council of the University of Medical Sciences in Babol, in 2015, is to provide the foundations for researchers to carry out applied research, to strengthen capable researchers in Persian medicine and history of medicine, to develop comprehensive research in the field of Persian medicine and history of medicine, and eventually contribute to community health promotion.

The research center is part of the University's Health Research Institute, which, in accordance with the decision of the research council of the research institute, is responsible for monitoring and observing all plans that deal with these issues as proposed from other university research centers in addition to approving and monitoring research projects in the field of traditional medicine and history of medicine.

The main focus of this center is the design and validation of standard diagnostic tools in Persian medicine. Research in the form of animal and laboratory studies, clinical trials and review studies has been or is being conducted at the facility. In addition, a mega project at this research center is being carried out with the aim of producing instrumentation in traditional Persian medicine (deterministic instruments for temperament).

The research center has been working since 2014 as one of the groups in the Amirkola Health and Ageing Project (AHAP), in which more than 2,000 elderly people in the city of Amirkola have been diagnosed and contacted for research. Diagnostics with more than 900 laboratory and clinical data obtained in other parts of this cohort is being carried out with the aim of moving towards the quantification of temperament in the elderly. Also, research aimed at designing and validating a standard temperament determination questionnaire in the elderly, along with this project, is ongoing.



**Head of Research Center:**

**Dr. Morteza Mojahedi,**  
(Assistant Professor, PhD of Persian Medicine)  
E-mail: mortazamojahedy@gmail.com

**Number of Researchers and Faculty Members: 7**

## **Iran University of Medical Sciences Institute for Studies in Medical History, Persian and Complementary Medicine**





**Establishment:** 2001

**Address:** No. 9, Pirnia Alley, N Laleh Zar St., Tehran, Iran

**Tel.:** (+98 21) 3395 0152 – (+98 21) 3397 2108

**Postal Code:** 1145847111

**E-mail:** ricm.iums.ac.ir@gmail.com

**Website:** <http://ricm.iums.ac.ir>

**Introduction:** The Institute for Studies in Medical History, Persian and Complementary Medicine has started its official activity since 2001 under the supervision of the Iran University of Medical Sciences. This research center was the first official and legal place for the design, organization, and provision of scientific resources, as well as the education and research in the fields of history of medicine, traditional and complementary medicine in Iran.

Revival of the great and valuable medical heritage of the Islamic civilization occurred in the historic monument of Pirnia, belonging to Mirza Hassan Khan Moshir al-Dawlah, Iran's prime minister during the Qajar period. The old mansion is located in an area of approximately 2,500 square meters, which, after the restoration in cooperation with the Cultural Heritage Organization, was approved by the Supreme Leader and transferred by the efforts of Dr. Mohammad Mehdi Esfahani to the Institute for the Study of History of Medicine, Islamic and Complementary Medicine. This building was registered in the list of Iran's National Heritage Sites on August 2, 1997 under the ID number 1899 in the list of national works of Iran. The opening ceremony of the first course of traditional medicine dated September 29, 2007 was held with the presence of the Minister of Health of the time at the site of this institute.

The institute was supervised by Tehran University of Medical Sciences in 2010 after the merger of Tehran University of Medical Sciences and Iran University of Medical Sciences. In 2013, after the division of these two universities, the institute continued to operate under the supervision of Iran University of Medical Sciences, with educational and research activities and student education.

In August 2012, following reinstatement of Institute No. 2 from Tehran University of Medical Sciences, all educational activities of the institute were transferred to the new building in the form of the School of Traditional Medicine of Iran University of Medical Sciences. Currently, after hanging over all educational affairs to this school, the research institute is only active in researching in the fields of medical history, traditional and complementary medicine.

In 2016, and after about 20 years, the building was renovated under the supervision of experts from the Cultural Heritage, Handicrafts and Tourism Organization.



**Head of Research Center:**

**Dr. Amir Hossein Jamshidi**

(Assistant Professor, PharmD, PhD)

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**Number of Researchers and Faculty Members:** 12 (2 research faculty members)

## Kerman University of Medical Sciences Herbal and Traditional Medicines Research Center



**Establishment:** 2010

**Address:** Herbal and Traditional Medicines Research Center, School of Pharmacy, Kerman University of Medical Sciences, Haft Bagh Alavi, Kerman

**Postal Code:** 7616911319

**Tel.:** (+98 34) 3132 5318

**E-mail:** htmrc.center@gmail.com, khtmrc.center@kmu.ac.ir

**Website:** <http://kmu.ac.ir/fa/htmrc>

**Introduction:** The Herbal and Traditional Products Research Center was launched in 2010 and approved by the Council of Development at the Ministry of Health and Medical Education. Currently, it has an area of 170 square meters (an independent laboratory with appropriate facilities) and has two expert researchers, two research faculty members on service mission, one office, and 14 part-time faculty members, with Dr. Mitra Mehrabani as the Head of the research center. During the last few years, the Research Center has received a dependent grant from the University. The area of activity of this center is research on drugs, especially herbal medicines and traditional medicine, which is currently undergoing research in the fields of pharmacognosy, pharmacology and toxicology, pharmaceutics and pharmaceutical formulation, biotechnology, nanotechnology and new sciences, pharmaceutical chemistry and chemistry of natural compounds, traditional medicine and pharmacy. By 2015, the Traditional and Herbal Drugs Research Center, had 5 ISI articles, and 2 PubMed articles. In 2016, it produced 10 ISI articles, 2 PubMed articles, and 3 SCOPUS articles. In 2017, it had 31 ISI articles, and 2 SCOPUS articles. According to the latest published statistics in 2022, it produced 20 ISI articles, 6 PubMed articles, and 9 SCOPUS articles. In addition to researchers, Ph.D. candidates, pharmacy students and other disciplines are conducting theses and dissertations at this center.



**Head of the Research Center:**

**Dr. Mitra Mehrabani**  
(Professor, PhD of Pharmacognosy)  
**E-mail:** mmehrabani@kmu.ac.ir

**Number of Researchers and Faculty Members: 18**

## **Mazandaran University of Medical Sciences Traditional and Complementary Medicine Research Center**



**Establishment:** 1997

**Address:** Traditional and Complementary Medicine Research Center, Adjacent to Baghban (Tooba) Medical Complex, Khazar Blvd., Sari, Mazandaran

**Tel.:** (+98 11) 3324 4893

**Postal Code:** 4816895475

**Website:** <http://rc-sonnati.mazums.ac.ir>

**Introduction:** The Traditional and Complementary Medicine Research Center of Mazandaran University of Medical Sciences was established in the building of the Office of Vice-President for Research and Technology as an academic research institution in 1997 under the direct supervision of the President of the Mazandaran University of Medical Sciences, Dr. Madani, Under the title "Office of Islamic Medicine Studies" carried out the great mission of restoring the great reserve of Persian medicine and the identification of various types of complementary medicine and the method of their use in the health system of the country. In 2003, the statute of the Traditional and





Complementary Medicine Research Center was established. In the same year, the first workshop on medical ethics was held, and, in 2006, the first seminar on medical ethics in Sari was held. Up to 2016, the total number of seminars and workshops in the field of traditional medicine in Iran and the ethics and history of medical sciences were 18 conferences. The first international congress of traditional and complementary medicine in Sari was held in 2008 as per the invitation of this center. The center was transferred to its current location next to the specialized Baghban Complex (Tooba) at the same time of acquiring a principle approval. From May 26, 1996, Dr. Masoumeh Bagheri Nasami has been appointed as the Head of the Center with a decree from the university President, Dr. Seyyed Abbas Mousavi.

#### Objectives

The center has been working for many years to understand the exact nature of traditional Persian medicine and complementary medicine, through scientific research in these two areas, as well as medical ethics and history. In order to achieve this general goal, the center has pursued the following minor objectives that it considers as its responsibilities:

- Organization, coordination and support of any research in line with the overall purpose of the center
- Precise introduction of Persian medicine to faculty members and students
- Teaching basics of traditional medicine of Iran and complementary medicine to students of medical sciences
- Explaining the basics of Persian medicine to researchers and the general public in a scientific language
- Defining a moral and ultimately professional framework for traditional and complementary therapists
- Access to library resources for traditional medicine and medical ethics



#### Head of Center:

**Dr. Masoumeh Bagheri Nasaami**  
(Associate Professor, PhD of Nursing)  
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**Number of Researchers and Faculty Members: 20**

**Number of Research-Based Students: 4**

### Mashhad University of Medical Sciences Pharmacological Research Center of Medicinal Plants



**Establishment: 2004**

**Address:** Faculty of Medicine, University Campus, Azadi Sq., Mashhad / **Tel.:** (+98 51) 3800 2273

**E-mail:** [prmp@mums.ac.ir](mailto:prmp@mums.ac.ir)

**Website:** <http://prmp.mums.ac.ir/>

**Introduction:** The Pharmacological Research Center of Medicinal Plants was established in 2004 and approved by the Ministry of Health, Treatment, and Medical Education. The center succeeded in obtaining explicit approval from the ministry in 2011. The main field of activity of the Center is the evaluation of the pharmacological effects of medicinal plants and the preparation of herbal medicinal products.

**Targets:**

1. Use of medicinal plants as an alternative source to reduce or eliminate the limitations of drug therapy in patients.
2. Making efforts to establish and coordinate pharmacology research of medicinal plants across the country to exchange information among researchers and avoid unnecessary parallel and repeated research.
3. Establishing scientific cooperation with research and educational centers of other countries and international organizations in accordance with the laws and regulations of the Islamic Republic of Iran.
4. Conducting basic practical research in order to produce science and help meet the pharmaceutical needs of the community.
5. Providing technical knowledge to the pharmaceutical industry and other scientific centers in accordance with the relevant regulations.
6. Establishing stronger communication between basic and clinical research in the field of drug therapy of patients.

**Head of the Research Center:**

**Dr. Hasan Rakhshandeh**  
(Assistance Professor of Pharmacology)  
**E-mail:** rakhshandehh@mums.ac.ir

**Number of Researchers and Faculty Members: 10**

## Shahid Beheshti University of Medical Sciences Research Center of Traditional Medicine and Materia Medica



**Establishment:** 2002  
**Address:** No. 9, Tavanir St., Vali-e Asr Ave.,  
Tehran  
**Tel.:** (+98 21) 8877 6027  
**Website:** <http://tmrc.sbmu.ac.ir/>

**Introduction:** The Research Center of Traditional Medicine and Materia Medica began in 2002 in line with the national plans to revive traditional medicine and to publicize the use of herbs and herbal medicines. The center is active in the field of pharmaceutical formulation based on traditional Persian sources of medicine, quality control of medicinal herbs and herbal and traditional herbal remedies, and the biological properties of herbs and traditional drugs.

**Head of the Research Center:**

**Dr. Mojgan Tansaz**  
(Associate Professor, MD, PhD in Persian Medicine)  
**E-mail:** tansaz\_mojgan@sbmu.ac.ir

**Number of Researchers and Faculty Members: 12**

**Journals:**

Research Journal of Pharmacognosy





This journal is published quarterly in English with the participation of the Iranian Pharmacognosy Society and indexed in the ESCI profile of ISI Web of Knowledge.

**Website:** <http://www.rjpharmacognosy.ir/>

**Editor-in-Chief:**

**Dr. Maryam Hamzeloo Moghadam**

**E-mail:** [mhmoghadam@sbmu.ac.ir](mailto:mhmoghadam@sbmu.ac.ir)

### Shahid Sadoughi University of Medical Sciences Traditional Persian Medicine Research Center



**Establishment:** 2012

**Address:** Traditional Persian Medicine Research Center, Dr. Rahnemoon Hospital, Farokhi St., Yazd

**Postal Code:** 8913814396

**Tel.:** (+98 35) 3312 3222 & 23

**E-mail:** [dr.abolhosseini@yahoo.com](mailto:dr.abolhosseini@yahoo.com)

**Website:**

<http://ssu.ac.ir/cms/index.php?id=10414>

**Introduction:** The Traditional Persian Medicine Research Center has been set up with the aim of promoting quantitative and qualitative research in the field of traditional medicine. The center was approved in 2012 with the approval of the members of the Research Council of the university.

#### Objectives:

- Efforts to develop Persian medicine based on scientific principles
- Organizing research on Persian medicine
- Identification of research priorities based on the needs of the scientific departments and the current needs of the community
- Encouraging researchers interested in activities in this field
- Holding workshops on research methods in Persian Medicine



**Head of the Research Center:**

**Dr. Hossein Abolhosseini**

(Assistant Professor, PhD of Persian Medicine)

**E-mail:** [dr.abolhosseini@yahoo.com](mailto:dr.abolhosseini@yahoo.com)

**Number of Researchers and Faculty Members:** 16

### Shahed University Traditional Medicine Clinical Trial Research Center

**Establishment:** 2010

**Address:** No. 1471, N Kargar Ave., Enghelab Sq., Tehran

**Postal Code:** 1417953836

**Tel.:** (+98 21) 6646 4320 – (+98 21) 6646 4321  
**E-mail:** tmctrc@gmail.com  
**Website:** <http://shahed.ac.ir/tmrc/SitePages>  
<http://www.dr-naseri.com>

**Introduction:** Clinical trials of traditional medicine to update the ideas of traditional Persian scholars and to foment them in line with their priorities, including diabetes and addiction, depression and inflammation, consist of three groups of history and literature of traditional medicine, basic research, and clinical research. The most important activities performed are:

Research Activities:

1. Printing 168 titles of articles in the field of traditional medicine in prestigious domestic and foreign journals. This center has h-index 11 in SCOPUS.
2. Performing more than 25 research projects.
3. Having 34 research projects approved by the Research Council, currently in the implementation phase.
4. Implementing the revival of written legacy in 12 stages, which, until now, has published 100 books in Persian and English. Topics include correcting ancient texts of traditional medicine; writing mandates, edges or explanations on traditional medicine texts; writing special books for children and adolescents; translating and compiling books with a public audience in international languages; and digitization of useful books published in the world.



**Educational Activities:**

Holding of several workshops including: From traditional medicine sources to basic and clinical findings; Application of Docking in Drug Design; Essential Oil and Extraction Workshop; Scientific writing workshop





Case report articles workshop  
Meta-analysis and systematic study workshop  
Protocol study workshop  
“*Ser-o-alasrar* and *kimia*”, the Razas book viewpoints workshop  
Traditional Persian medicine evidence based- medicine studies in osteoarthritis and rheumatoid arthritis workshop

### **From Idea to product production**

#### **Products:**

##### **Deaddicta®:**

Maintenance treatment of opioid dependence  
Effective properties in decreasing craving and relapse  
Has five theses, two research project and seven papers  
Has about 22 years of historical and textual studies and standardization and clinical studies and traditional production licenses.

##### **Melissa officinalis Capsule:**

Anti-depressant  
Effective in treating insomnia and palpitations  
Has eight theses, three research project and six papers  
Has about 14 years of historical and textual studies and standardization and clinical studies  
Traditional and ready for mass production licenses

##### **Ointment for Joints:**

It has anti-inflammatory and analgesic properties in the treatment of arthritis  
Reduced arthritis in a number of patients  
Has five papers, two research project and one patent  
Contains historical and textual studies as well as animal experiments, toxicology, standardization and clinical studies  
Natural drug (innovation) and mass production Licenses

##### **Nepeta mentoides Syrup:**

Effective in resolving seasonal allergies, asthma, chronic bronchitis, cure for colds and humidity coughing  
It has historical and textual studies as well as standardization and clinical studies  
Two dissertations, two papers and one research project  
Natural (Innovative) Drug License, Ready for Mass Production

##### **Sinamaz® nasal drop:**

Treatment for patients symptomatic of the common cold.  
Effective treatment against the spread and severity of SARS-CoV-2 infection.  
Has 3 research project, one paper and Natural Drug License.

##### **Cassia fistula L. syrup:**

Used for treatment of FC (Pediatric functional constipation)  
Has two theses, four paper and Natural Drug License



**Head of the Research Center:**

**Dr. Mohsen Naseri**  
(full Professor, PhD of Pharmacology)  
**E-mail:** [naseri@shahed.ac.ir](mailto:naseri@shahed.ac.ir)

**Number of Researchers and Faculty Members:** 6 people

### **Shahrekord University of Medical Sciences Research Center for Medicinal Plants**

**Establishment:** 2007

**Address:** Research Center for Medicinal Plants, Research Institute on the Basic Sciences of Health,



Shahrekord University of Medical Sciences, Rahmatieh, Shahrekord, Chaharmahal and Bakhtiari Province

**Postal Code:** 8813833435

**Tel.:** (+98 38) 33346722

**E-mail:** hmr\_center@skums.ac.ir / medicalplants1386@gmail.com

**Website:** <https://medplant.skums.ac.ir/>

**Introduction:** The Research Center for Medicinal Plant was established in 2007, principally approved by the Council of Development of Medical Universities on September 10, 2008 and finally approved on May 13, 2013. In order to expand research and provide a solution in health matters, and in accordance with its statute, the following goals were agreed upon:

1. Development and application of human knowledge in the field of science
2. Epidemiological and clinical research in order to reform the health services system of the country in order to meet the needs of the Islamic community
3. Collection, adjustment and classification of documents, articles and relevant documents and their publication
4. Research human resource training:
  - a. Encouraging, motivating and employing researchers
  - b. Efforts to attract attention and cooperation of relevant research and executive centers within the country
  - c. Scientific cooperation with the research and educational centers of other countries and international organizations in accordance with the laws and regulations of the Islamic Republic of Iran

The various departments of the center include the Medicinal Herbal Labs, Phytochemical Laboratory, Neuroscience Laboratory, Virus Laboratory, Animal House, and Conference Room. Since its establishment, the Center has been fully cooperating with the students on their theses, and has consistently collaborated with students who want to undertake research specifically through the Student Research Committee, helping them with their, ready to expand cooperation in this field.



**Head of the Research Center:**

**Dr. Zahra Lorigooini**

(Associate Professor, PhD of pharmacognosy)

**E-mail:** zahralorigooini@gmail.com

**Number of Researchers and Faculty Members:** 8

**Number of Research-Based Students:** 1

## Shiraz University of Medical Sciences Research Center for Traditional Medicine and History of Medicine



**Establishment:** 2009

**Address:** 8th Floor, Building No. 2, School of Medicine, Shiraz University of Medical Sciences, Imam Hossein Sq., Shiraz

**Postal Code:** 7134845794



**Tel.:** (+98 71) 3233 7589 - (+98 71) 3208 4030

**Fax:** (+98 71) 3233 8476

**Email:** tim@sums.ac.ir

**Website:** <https://tim.sums.ac.ir>

**Introduction:** The Research Center for Traditional Medicine and History of Medicine started its activity at Shiraz University of Medical Sciences in October 2009 under the name of “The Office of Studies and Researches of Traditional Medicine and Medical History”, which was then renamed and received the approval of the University board of directors in January 2010. This agreement in-principle was a steppingstone to many other achievements including many scientific researches, publishing books and articles and a quarterly secondary journal, as well as holding national and international conferences and many other activities. The final approval of Research Center for Traditional Medicine and History of Medicine was granted from the supreme council of the Ministry of Health and Medical Education in June 2016. Four faculty members and six staff members are currently engaged in this research center.

### Objectives

- Determining research priorities in the field of Traditional Medicine and Medical History;
- Annual increase of evidence-based research projects;
- Publish of related books in the field of Traditional Medicine and Medical History;
- Arranging workshops, seminars, and congresses to improve the research fellow of Traditional Medicine and Medical History;
- Organizing a collaboration with student groups interested in establishing a close cooperation with the Research Center for Traditional Medicine and History of Medicine;
- Conducting joint research projects with other research centers.



**Head of the Research Center:**

**Dr. Majid Nimruzi**

(Associate Professor, PhD in Persian Medicine)

**E-mail:** [mnimruzi@yahoo.com](mailto:mnimruzi@yahoo.com)

**Number of Researchers and Faculty Members:** 10

### Shiraz University of Medical Sciences Research Office for the History of Persian Medicine



**Establishment:** 2010

**Address:** Behboodestan Namazi, N Gha'ani St., Shiraz

**Postal Code:** 7134845794

**Tel./Fax:** (+98 71) 3230 4279

**Website:** <http://medhist.sums.ac.ir/>

**Introduction:** The center was set up on March 13, 2010 by the former president of the university, Dr. Imaniyeh, and directed by Dr. Arman Zargarán. After more than 10 years of the activities of this office, this center has been used by a range of experts from different fields of medicine to literature to history to try to design a successful model of entry into the knowledge cycle from its various dimensions, as detailed below:

**Publishing scientific articles:** Researchers of this center have published one of the most successful

collections of this field of knowledge in Iran with over 180 scientific articles in reputable and high impact journals. The volume of referrals received in the published articles is significant, and three of the articles published by this office are among the most cited articles of Shiraz University of Medical Sciences in the last five years;

**Printing Books:** Printing over 20 books in the field of history of medicine;

**Educational Programs:** Collaborating in teaching two units of the history and culture of Islam and Iran and publishing dozens of brochures and booklets;

**Patent:** Three patent titles;

**Dissertation:** Collaborated with the Schools of Medicine and Pharmacy in the theses of general and specialized courses;

**Journal:** Journal of Research on History of Medicine

**Scientific Events:** Contributing to organization of dozens of congresses, specialist meetings and workshops, both national and international.



**Director of the Research Office:**

**Dr. Alireza Mehdizadeh**

(Associate Professor, PhD of Medical Physics)

**E-mail:** mehdizade@sums.ac.ir

**Number of Researchers and Faculty Members:** 5 people (second affiliated)

**Journals:**

**Journal of Research on History of Medicine**



This scientific journal, with the presence of prominent professors from the world of medical history, was published in 2012 and is being published as a quarterly to this day. Initially, the journal, which publishes original articles in the field of history of medicine, received articles in three languages of English, Persian and Arabic, but with the change in journal policies since 2019, only articles in English are accepted.

**Website:** <http://rhm.sums.ac.ir>



**Editor-in-Chief:**

**Dr. Arman Zargaran**

(Assistant Professor, PhD of Traditional Pharmacy)

**E-mail:** zargarana@sums.ac.ir

## **Tabriz University of Medical Sciences** **Research Center on History and Philosophy of Medicine**



**Establishment:** 2010

**Address:** Research Center on History and Philosophy of Medicine, 2nd Floor, Central Library of Tabriz University of Medical Sciences, Bahman 29th Blvd., Tabriz

**Tel.:** (+98 29) 3337 9527

**Fax:** (+98 29) 3379528

**E-mail:** mphrc@tbzmed.ac.ir

**Website:** <https://mphrc.tbzmed.ac.ir/>





**Introduction:** The Research Center on History and Philosophy of Medicine was officially launched based on the license 500/816, dated February 23, 2011 of the Council of Development of Universities of the Ministry of Health and Medical Education. The final approval with the establishment of the "Research Center on History and Philosophy of Medicine of Tabriz University of Medical Sciences" was acquired at the 245th session of the Council of Development of Universities of the Ministry of Health and Medical Education on March 16, 2015, the license No. 3740/500/D.

Due to the nature of this center and its structure, its activities are inter- and multi-disciplinary and focus on the following areas of knowledge and expertise:

- Medical ethics and bioethics
- History of Medicine
- Philosophy of Medicine
- Jurisprudence of Medicine
- Medical Rights
- Medical Faculty
- Social Harm
- Life Safety
- Foresight and Future Studies



**Head of the Research Center:**

**Dr. Abdolhasan Kazemi**

(Professor, Ph.D. of Molecular Biology from England, Fellow of Medical Ethics from Shahid Beheshti University of Medical Sciences)

**E-mail:** kazemi1338@gmail.com

### **Tabriz University of Medical Sciences Research Center for Integrative Medicine in Aging**



**Establishment:** 2021

**Address:** Faculty of Medicine (3rd floor), Tabriz University of Medical Sciences, Tabriz, Iran.

**Tel.:** (+98 41) 33342178

**E - m a i l :** ima@tbzmed.ac.ir, ima.tbzmed@gmail.com

**Website:** <https://rcima.tbzmed.ac.ir>

**Introduction:** Complementary and Alternative Medicine (CAM) have recently become more popular and accepted worldwide. Integrative medicine can help people with cancer, persistent pain, chronic fatigue, fibromyalgia, and many other conditions to better control their symptoms and improve their quality of life by reducing fatigue, pain, and anxiety. Given the popularity of CAM, Research Center for Integrative Medicine in Aging was founded in July 2021 at Tabriz University of Medical Sciences (TBZMED) to:

- Promote successful aging
- Improve quality of life for seniors
- Reduce older adults' dependency by focusing on physical, cognitive and social aspects with the approach of common diseases in the field of neurosciences, stroke, Alzheimer's, Parkinson's, atherosclerosis, osteoporosis and etc.
- Create opportunities for students to engage in research in the field of treating age-related diseases using integrative medicine
- Provide care and treatment through research at this center and with broad collaboration with other TBZMED departments as well as national and international research programs.



**Head of the Research Center:**

**Dr. Alireza Bagherzadeh-Karimi**  
(Assistant Professor, MD, PhD of Persian Medicine)  
**E-mail:** bagerzadeha@tbzmed.ac.ir

**Number of Researchers and Faculty Members: 18**

## **Tehran University of Medical Sciences Traditional Medicine and Pharmacy Research Center**

**Establishment:** 2009

**Address:** 1st Floor, No. 1547, N Kargar Ave., Tehran

**Postal Code:** 1417993196

**Tel.:** (+98 21) 8899 2156

**E-mail:** persianmedpharm@gmail.com

**Introduction:** The Traditional Medicine and Pharmacy Research Center started under the chairmanship of Dr. Mohammad Reza Shams Ardekani after obtaining the principled consent of Tehran University of Medical Sciences Council in 2009. Since then, this responsibility has been assigned to Dr. Tahmineh Akbarzadeh.

During these years, with a focus on the rich knowledge of Persian medicine, several research projects and activities in the clinical trial of designed formulations have been developed and conducted. These studies were based on the principles of Persian medicine, and performed in cooperation with the faculty members of hospitals and clinics of medical universities of Iran on subjects including phytochemical analysis of plant extracts; synthesis and identification of effective substances in order to achieve different biological properties; evaluation of various mechanisms for the development of diseases, especially Alzheimer's disease; effects of natural and chemical compounds on diseases using various animal models; evaluation of cellular toxicity of natural and chemical compounds on the different grades of human cancer cells; antimicrobial effects of natural and chemical compounds; toxicity of natural and chemical compounds on shrimp larvae; the effect of natural and chemical compounds on Anopheles larvae; effect of natural and chemical compounds on diabetes; gastric ulcer and colitis of intestine; and wound healing. All this research has been conducted in collaboration with the School of Medicine, School of Pharmacy, School of Public Health, School of Persian Medicine, traditional medicine clinics of Tehran University of Medical Sciences, and the Office of Vice-President for Science and Technology.

The research center has been active in the education of Iranian medical enthusiasts, holding regular reflection and think tank sessions (with retraining points), numerous workshops on the generalities and practices of traditional medicine and pharmacy, and research tours, which are still ongoing.



**Head of the Research Center:**

**Dr. Tahmineh Akbarzadeh**  
(Professor, PhD of Medicinal Chemistry)  
**E-mail:** akbarzad@tums.ac.ir

**Number of Researchers and Faculty Members: 8**



