

Babak Daneshfard

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Ph.D. Thesis

Efficacy of chamomile syrup in management of chemotherapy-induced neutropenia in pediatric leukemia patients: a randomized triple-blind placebo-controlled clinical trial

Education

2014 – 2019

Ph.D. in Persian Medicine, Department of Persian Medicine, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran.
GPA: 17.54/20.00

2006 – 2013

Medical Doctor, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran. GPA: 16.27/20.00

Awards and Honors

- “Martyr Dr. Shahriari” Award, Iran's National Elites Foundation, 2020
- “Top Educational Process”, 13th Shahid Motahari Educational Festival, Shiraz University of Medical Sciences, 2020
- 3rd Rank Amongst Ph.D. Students of Shiraz University of Medical Sciences, 27th Outstanding Student Award, 2018-2019
- “Young Researcher” Award, First Persian Medicine Festival, Hamedan, Iran, 2018
- GA Travel Grant Award, 2018
- Best Oral Presentation Award, First Student Congress of Persian Medicine and Pharmacy, Tehran, Iran, 2018
- Six-Month Sabbatical Fund (1st Rank Amongst Ph.D. Students of Shiraz Medical School), 2017
- Top Researcher in Ph.D. Students, Shiraz University of Medical Sciences, 2017
- Member of Iran's National Elites Foundation, 2016
- Distinguished Student Researcher, Bureau of Shining Talents, Ministry of Health and Medical Education, 2016
- 9th Rank in Ph.D. Exam, Ministry of Health and Medical Education, 2013

- Publons Peer Review Award in Pharmacology, Toxicology and Pharmaceutics, 2017
- Publons Peer Review Award in Medicine, 2017
- Publons Peer Review Award in Medicine, 2016

Scientific Memberships

- Secretary of the Iranian Chapter of the International Society of Traditional, Complementary & Integrative Medicine Researchers (ISCMR)
- Society for Medicinal Plant and Natural Product Research (GA)
- The Scientific Association of Persian Medicine

Publications

A. Peer-reviewed Journals:

1. Hashempur MH, Lari ZN, Ghoreishi PS, **Daneshfard B**, Ghasemi MS, Homayouni K, Zargaran A. A pilot randomized double-blind placebo-controlled trial on topical chamomile (*Matricaria chamomilla* L.) oil for severe carpal tunnel syndrome. *Complementary therapies in clinical practice*. 2015;21(4):223-8.
2. **Daneshfard B**, Yarmohammadi H, Dalfardi B. The origins of the theory of capillary circulation. *International journal of cardiology*. 2014;172(2):491.
3. **Daneshfard B**, Izadi S, Shariat A, Toudaji MA, Beyzavi Z, Niknam L. Epidemiology of stroke in Shiraz, Iran. *Iranian journal of neurology*. 2015;14(3):158.
4. Hashempur MH, Ghasemi MS, **Daneshfard B**, Ghoreishi PS, Lari ZN, Homayouni K, Zargaran A. Efficacy of topical chamomile oil for mild and moderate carpal tunnel syndrome: a randomized double-blind placebo-controlled clinical trial. *Complementary therapies in clinical practice*. 2017;26:61-7.
5. **Daneshfard B**, Dalfardi B. Medieval roots of modern knowledge regarding carotid sinus syncope. *International journal of cardiology*. 2014;173(2):342.
6. Golshani SA, **Daneshfard B**, Mosleh G, Salehi A. Drugs and Pharmacology in the Islamic Middle Era. *Pharmaceutical historian*. 2015;45(3):64-9.
7. Dalfardi B, **Daneshfard B**, Nezhad GS. Johannitus (809–873 AD), a medieval physician, translator and author. *Journal of medical biography*. 2016;24(3):328-30.
8. Golshani SA, Yarmohammadi H, **Daneshfard B**. The effect of Jundishapur school on Baghdad medical school. *Journal of Research on History of Medicine*. 2013;2(2):49-56.

9. **Daneshfard B**, Jaladat AM. Male infertility and diet: a perspective of traditional Persian medicine. *Galen Medical Journal*. 2016;5(2):103-4.
10. **Daneshfard B**, Dalfardi B, Nezhad GS. Ibn al-Haytham (965–1039 AD), the original portrayal of the modern theory of vision. *Journal of medical biography*. 2016;24(2):227-31.
11. Nimrouzi M, Tafazoli V, **Daneshfard B**, Zare M. Optimal fluid intake in daily diet: Avicenna's view. *Journal of integrative medicine*. 2016;14(4):241-4.
12. Atarzadeh F, **Daneshfard B**, Dastgheib L, Jaladat AM, Amin G. Early Description of Diet-Induced Blistering Skin Diseases in Medieval Persia: Avicenna's Point of View. *Skinmed*. 2016;14(5):367-70.
13. Golshani SA, Pirouzan H, **Daneshfard B**. Jondishapour, Center of Cultural Transmission. *Journal of Research on History of Medicine*. 2014;3(3):123-34.
14. Kolouri S, **Daneshfard B**, Jaladat AM, Tafazoli V. Green urine in traditional Persian medicine: differential diagnosis and clinical relevance. *Evidence-Based Complementary & Alternative Medicine*. 2017;22(2):232-6.
15. **Daneshfard B**, Tafazoli V, Nimrouzi M. Pitfalls of Animal Study: Avicenna's View. *Galen Medical Journal*. 2016;5(3):160-1.
16. Nimrouzi M, Sanaye MR, **Daneshfard B**. Parameters Contributing to Aging: Avicenna's Viewpoints. *Acta Medica Iranica*. 2017;55(7):480-1.
17. Nimrouzi M, **Daneshfard B**. Drinking water in traditional Persian medicine: Do's and don'ts. *Electronic Physician*. 2017;9(5):4330-1.
18. Sanaye R, **Daneshfard B**. A novel approach to neoplastic ambient topology: application of CW-complexing to junction vertexes of cancerous cells. *General Internal Medicine and Clinical Innovations*. 2017;2(2):1.
19. Esnaashary MH, Yarmohammadi H, Dalfardi B, Askarpour MR, **Daneshfard B**, Mehdizadeh A. Rabies: A Comprehensive Review of Traditional Persian Medicine Literature. *Journal of Research on History of Medicine*. 2017;6(1):15-24.
20. Atarzadeh F, Jaladat AM, **Daneshfard B**, Dastgheib L, Kamalinejad M, Amin G. A review on botanicals with wound healing activity for pemphigus vulgaris: perspective of traditional Persian medicine and conventional medicine. *Avicenna Journal of Phytomedicine*. 2017;7(6):486-94.
21. Sanaye R, **Daneshfard B**. On molecularly personalized medicine clinical trials. *Personalized Medicine Universe*. 2017;6:40-1.

22. Jabbari M, **Daneshfard B**, Emtiazy M, Khiveh A, Hashempur MH. Biological Effects and Clinical Applications of Dwarf Elder (*Sambucus ebulus* L): A Review. *Journal of Evidence-Based Complementary & Alternative Medicine*. 2017;22(4):996-1001.
23. Hosseinalhashemi M, **Daneshfard B**, Keshavarzian O. Severe Acro-osteolysis in a Case of Limited Cutaneous Scleroderma. *Iranian journal of public health*. 2017;46(1):146.
24. Dalfardi B, **Daneshfard B**, Sarikhani S. Craniosynostoses Presenting as Copper Beaten Skull Appearance. *Iranian Red Crescent Medical Journal*. 2016;18(12):e27545.
25. Shahamat M, **Daneshfard B**, Najib KS, Dehghani SM, Tafazoli V, Kasalaei A. Dry cupping in children with functional constipation: A randomized open label clinical trial. *African Journal of Traditional, Complementary and Alternative medicines*. 2016;13(4):22-8.
26. Hosseinalhashemi M, **Daneshfard B**. Finger Printlessness in Scleroderma. *Iranian journal of public health*. 2016;45(6):835.
27. Golshani SA, Pirouzan H, Zargaran A, **Daneshfard B**. The Perspective of Soryani School on Flourishing Medicine in Ancient Persia and Early Centuries of Islam. *Journal of Research on History of Medicine*. 2016;5(1): 33-44.
28. Golshani SA, Seddigh F, Pirouzan H, **Daneshfard B**. Chorasmia Medical School from the beginning until the Mongol invasion. *Journal of medical ethics and history of medicine*. 2015;8:eCollection 2015.
29. **Daneshfard B**, Hosseinalhashemi M. Pseudoseizure: A Possibly Underdiagnosed Disorder. *Galen Medical Journal*. 2015;4(3):122.
30. **Daneshfard B**, Hosseinalhashemi M. Pelvic Thrusting in a Case of Psychogenic Seizure. *Iranian journal of public health*. 2015;44(7):1031-2.
31. Golshani A, Foruzani A, Ghafouri Z, Dalfardi B, **Daneshfard B**. Lady Kahhal, First Female Ophthalmologist and Medical Journalist in Iran. *Galen Medical Journal*. 2015;4(2):129-32.
32. Yarmohamadi H, **Daneshfard B**, Bahmani Kazerouni MH. Akhawayni, One of the Pioneers of Medicine in Iran. *Medical History*. 2014;5(16):11-27.
33. Golshani SA, Pirouzan H, Zargaran A, **Daneshfard B**. The Perspective of Alexandria Scientific School on Flourishing of Medical Science in Islam and Iran. *Journal of Islamic and Iranian Traditional Medicine*. 2014;5(2):169-79.

34. Meibodi MK, Yarmohammadi H, **Daneshfard B**, Dalfardi B. Al-Akawayni, an Influential Contributor to Medieval Persian Science of Neurology. *Journal of Research on History of Medicine*. 2014;3(2):79-86.
35. Hosseinalhashemi M, **Daneshfard B**, Hashemi A. “Eye of the Tiger” in a Non-Responsive Neuropsychiatric Patient: A Case Report. *Acta Medica Iranica*. 2018;56(1):71-3.
36. Farkhondehzadeh M, Golshani AR, Sanaye MR, **Daneshfard B**. Ibn Mandevaih Isfahani (949–983(?) AD), a physician from Isfahan’s medical school. *Journal of medical biography*. 2020;28(3):126-131.
37. **Daneshfard B**, Sanaye MR, Nimrouzi M. Prolegomena to a True Integrative Medical Paradigm. *Alternative Therapies in Health and Medicine*. 2019;25(2):50-60.
38. **Daneshfard B**, Jaladat AM, Sanaye MR, Dalfardi B. Cardiac Infertility in Persian Medicine: Avicenna’s View. *Galen Medical Journal*. 2017;6(4):356-7.
39. Sanaye MR, **Daneshfard B**, Soltani P. Novel approach to dental reconstruction by means of monomer/polymer Gaussian chain statistics. *Dental Hypotheses*. 2018;9(3):75-6.
40. Kalantari T, Bahmani M, Heydari ST, **Daneshfard B**, Nematollahi Z, Nimrouzi M. Effect of Temperament on Happiness and Job Satisfaction in University Employees. *Pakistan Journal of Medical and Health Sciences*. 2018;12(2):915-17.
41. Hosseinalhashemi M, **Daneshfard B**, Hashemi A. Periorbital Xanthomas in a Case of Familial Hypercholesterolemia. *Pakistan Journal of Medical and Health Sciences*. 2018;12(2):962-63.
42. Nimrouzi M, **Daneshfard B**, Tafazoli V, Akrami R. Insomnia in Traditional Persian Medicine. *Acta medico-historica adriatica*. 2019;17(1):45-54.
43. Shahriari M, Dehghankhalili S, Heiran A, **Daneshfard B**. Negative Rhesus Antigen D in Childhood Leukemia: A Risk Factor or a Defense Mechanism? *Iranian Journal of Public Health*. 2019; Accepted for publication.
44. **Daneshfard B**, Shahriari M, Nimrouzi M. Chemotherapy-Induced Neutropenia in Pediatric Leukemia: Persian Medicine Perspective. *Galen Medical Journal*. 2019;8:e1600.
45. **Daneshfard B**, Hosseini Yekta N, Khoshdel AR, Heiran AR, Cheraghi R,

- Yarmohammadi H. The effect of *Delphinium denudatum* (Jadwar) on fatigue: A randomized double blind placebo-controlled clinical trial. *Complementary therapies in medicine*. 2019;46(2019):29-35.
46. **Daneshfard B**, Shahriari M, Heiran AR, Nimrouzi M, Yarmohammadi H. Effect of chamomile on chemotherapy-induced neutropenia in pediatric leukemia patients: A randomized triple-blind placebo-controlled clinical trial. *Avicenna Journal of Phytomedicine*. 2020;10(1):58-69.
 47. Nimrouzi M, **Daneshfard B**, Parvizi MM. Dream in Persian Medicine Perspective. *International Journal of Dream Research*. 2020;13(1):119-122.
 48. Izadi S, Beizavi Z, **Daneshfard B**, Shariat A. Extra-cranial carotid artery stenosis in patients with ischemic stroke, a hospital-based study in Shiraz, Iran. *Pakistan Journal of Medical and Health Sciences*. 2019;13(4):1103-1107.
 49. Pasalar M, **Daneshfard B**, Lankarani KB. Complementary and Alternative Medicine-Related Drug-Induced Liver Injury in Iran. *Journal of Clinical and Translational Hepatology*. 2020;8(1):106-107.
 50. Pasalar M, **Daneshfard B**, Lankarani KB. Jollab: A Safe Remedy for Functional Dyspepsia in Persian Medicine. *Advanced Pharmaceutical Bulletin*. 2021;11(1):8-9.
 51. Golshani SA, **Daneshfard B**. New Documents about Lady Kahhal, First Female Ophthalmologist in Iran. *Galen Medical Journal*. 2020;9:e1898.
 52. **Daneshfard B**, Hosseini Yekta N. Fighting fatigue in military forces. *Annals of Military and Health Sciences Research*. 2020;18(2):e104579.
 53. Heiran AR, **Daneshfard B**. Transformation of Medical Education at the Era of COVID-19 Pandemic: Shiraz Experience. *Oman Medical Journal*. 2021;36(1):e233.
 54. Naseri V, Chavoshzadeh Z, Mizani A, **Daneshfard B**, Ghaffari F, Abbas-Mohammadi M, Gachkar L, Kamalinejad M, Hajati RJ, Bahaeddin Z, Faghihzadeh S, Naseri M. Effect of topical marshmallow (*Althaea officinalis*) on atopic dermatitis in children: A pilot double-blind active-controlled clinical trial of an in-silico-analyzed phytomedicine. *Phytotherapy research*. 2021;35(3):1389-1398.
 55. Pasalar M, Mosaffa-Jahromi M, Amooee S, **Daneshfard B**. Obesity and infertility: Persian Medicine Perspective. *Journal of Reproduction & Infertility*. 2021;22(1):73-74.
 56. Vazani Y, Feyzabadi Z, Ghorbani F, **Daneshfard B**. Early Description of Amniotomy in Medieval Persia. *The Journal of Obstetrics and Gynaecology Research*. 2021;47(3):1064-1067.
 57. Nimrouzi M, **Daneshfard B**, Tafazoli V. The concept of porosity and condensity in Persian Medicine. Under Review.
 58. Naseri M, Ravanshad M, Nabizadeh A, **Daneshfard B**. Antiviral effects of a Persian medicine natural product: Potentials for COVID-19 management. Under Review.
 59. Shaki Z, Naseri M, **Daneshfard B**, Kamalinejad M, Kazemnejad A, Alijaniha F, Heidari MR. Effect of dill (*Anethum graveolens* L.) oil on pruritus, skin dryness, sleep

quality and quality of life in hemodialysis patients: a randomized double-blind placebo-controlled clinical trial. Under Review.

60. Nimrouzi M, Saffar Shahroodi A, **Daneshfard B**, Sharifi MH. Conceptual relationship between Persian medicine and modern nutrition regarding middle-aged obesity. Under Review.
61. **Daneshfard B**, Naseri M, Ghaffari F. Medical Education Style in the First University of the World, the Jundishapur Academy. Under Review.

B. Books:

1. Abdollahiasl A, Arji G, **Daneshfard B**, Ghods R, Hasani Smh, Sabbagh-Bani-Azad M, Shekalyou S, Soleymani S, Zargarani A. Reviewing Six Health System Building Blocks of Traditional & Complementary Medicine in Iran. Tehran University of Medical Sciences; 2020.

C. Book Chapters:

1. Heydari M, Hashempur MH, **Daneshfard B**, Mosavat SH. Bioactive Foods as Dietary Intervention for Diabetes from the Perspective of Persian Medicine. In: Bioactive Food as Dietary Interventions for Diabetes. Academic Press; 2019. pp. 49-68.

D. Conference Proceedings:

1. Porosity and Health: Perspective of Traditional Persian Medicine
Vahid Tafazoli, Majid Nimrouzi, **Babak Daneshfard**
National Conference on Evidence-Based Traditional Medicine and Pharmacy, Shiraz, Iran
2. Avicenna's view about optimal daily water intake
Majid Nimrouzi, **Babak Daneshfard**, Vahid Tafazoli
National Conference on Evidence-Based Traditional Medicine and Pharmacy, Shiraz, Iran
3. Relationship between obesity and male infertility in viewpoint of traditional Persian medicine
Babak Daneshfard, Amir-mohammad Jaladat, Mahdi Niazi, Jafar Abolghasemi
8th National Congress of Reproductive and Infertility Updates, Tehran, Iran
4. An overview of bath in Persian medicine
Seyyed Alireza Golshani, Shahram Yaghmaei, **Babak Daneshfard**
The Second International Conference on Holy Prophet Mohammad's Tradition (Sireye

Nabavi) in Medicine, Shiraz, Iran

5. Antifungal Treatment of Leucorrhoea in Traditional Persian Medicine (TPM)

Babak Daneshfard, Vahid Tafazoli

2nd International and 4th Iranian Congress in Medical Mycology: From Bench to Bed, Shiraz, Iran

6. Green urine in conventional medicine and Traditional Persian Medicine (TPM)

Sepideh Kolouri, **Babak Daneshfard**, Amir Mohammad Jaladat, Vahid Tafazoli

The first international congress of complementary and alternative medicine, Mashhad, Iran

7. Dry cupping in children with functional constipation

Mahmoud Shahamat, Afshineh Kasalaei, Khadijeh-Sadat Najib, Seyyed Mohsen Dehghani,

Babak Daneshfard

3rd National Congress on Prevention & Treatment by Complementary Medicine, Isfahan, Iran.

8. Lady Kahhal, First Woman Ophthalmologist and First Woman Journalist in Iran

Alireza Golshani, Abolghasem Foruzani, Ziba Ghafouri, Behnam Dalfardi, **Babak Daneshfard**

The Second Iranian International Conference on Women's Health, Shiraz, Iran

9. Chemical basis of treating chemotherapy-induced neutropenia in pediatric ALL patients by chamomile oral drop

Babak Daneshfard, Reza Sanaye

International Conference on Clinical Chemistry & Laboratory Medicine, Chicago, USA

10. Prolegomena to a true integrative medical paradigm

Reza Sanaye, **Babak Daneshfard**, Majid Nimrouzi

International Conference on Holistic Medicine & Holistic Nursing, Philadelphia, USA

11. Efficacy of topical traditional chamomile oil on mild and moderate carpal tunnel syndrome: A randomized double-blind placebo-controlled clinical trial

Mohammad Hashem Hashempur, Mohammad Sadegh Ghasemi, **Babak Daneshfard**, et al
European Congress for Integrative Medicine, Budapest, Hungary

12. Body temperature and health in Traditional Persian Medicine

Majid Nimrouzi, Vahid Tafazoli, **Babak Daneshfard**

World Congress Integrative Medicine & Health, Berlin, Germany

13. HCT (Holistic Clinical Trials) and ICT (Integrative Clinical Trials)

Mohammad Reza Sanaye, **Babak Daneshfard**

World Congress Integrative Medicine & Health, Berlin, Germany

14. From virtuality to repeatable patterns: consciousness as the governing software

Babak Daneshfard, Mohammad Reza Sanaye
World Congress Integrative Medicine & Health, Berlin, Germany

15. Introducing the concept of Musleh (ameliorating agent) as a key point for drug discovery in traditional medicines

Babak Daneshfard, Ayda Hosseinkhani, Vahid Tafazoli, Amir Mohammad Jaladat
World Congress Integrative Medicine & Health, Berlin, Germany

16. Insomnia in traditional Persian medicine

Babak Daneshfard, Majid Nimrouzi, Vahid Tafazoli
World Congress Integrative Medicine & Health, Berlin, Germany

17. Gene drift variables determination in improving social health

Reza Sanaye, Lena Mahya, **Babak Daneshfard**
International Congress on Social Studies on Health, Shiraz, Iran

18. The state-of-the-art cancer treatment

Reza Sanaye, **Babak Daneshfard**
3rd National Congress on Molecular Medicine, Isfahan, Iran

19. Cardiac infertility in Traditional Persian Medicine: Avicenna's view

Babak Daneshfard, Amir Mohammad Jaladat, Mohammad Reza Sanaye, Behnam Dalfardi
5th International Preventive Cardiology Congress, Shiraz, Iran

20. Extra-cranial carotid artery stenosis in patients with ischemic stroke, a hospital-based study in Shiraz, Iran

Sadegh Izadi, Zahra Beizavi, **Babak Daneshfard**, Abdolhamid Shariat
The 2nd International and the 8th National Iranian Stroke Congress, Shiraz, Iran

21. Chamomile efficacy in pediatric ALL patients: a randomized placebo-controlled trial

Babak Daneshfard, Majid Nimrouzi, Mahdi Shahriari
66th Annual Meeting of the Society for Medicinal Plant and Natural Product Research (GA 2018), Shanghai, China

22. Shiraz: An Origin of Surgical Knowledge

Seyyed Abulghasem Foroozani, Seyyed Alireza Golshani, **Babak Daneshfard**
JCON 4: International Conference on Unani Medicine, Revisiting ILMUL JARAHAT (Surgery), Aligarh, India

Teaching Experience

2020	Scientific writing in biomedical fields (online webinars), PhD Level, Traditional Medicine Clinical Trial Research Center, Shahed University, Tehran, Iran.
2019	Using CARE checklist in writing case report papers, PhD Level, Iran University of Medical Sciences, Tehran, Iran.
2018	Introduction to Persian medicine, Graduate Level, Yasouj University of Medical Sciences, Yasouj, Iran.
2018	Introduction to Persian medicine, Graduate Level, Fasa University of Medical Sciences, Fasa, Iran.
2018	Introduction to Persian medicine, Graduate Level, Bushehr University of Medical Sciences, Bushehr, Iran.
2017	Introduction to Persian medicine, Graduate Level, Shiraz University of Medical Sciences, Shiraz, Iran.
2017	Introduction to Persian medicine, Graduate Level, Gerash University of Medical Sciences, Gerash, Iran.
2016	Introduction to Persian medicine, Graduate Level, Yasouj University of Medical Sciences, Yasouj, Iran.
2015 – 2018	Leech therapy, Ph.D. Level, Shiraz University of Medical Sciences, Shiraz, Iran.
2015 – 2018	Lifestyle modification in Persian medicine, Ph.D. Level, Shiraz University of Medical Sciences, Shiraz, Iran.
2015 – 2018	Manual interventions in Persian medicine, Graduate Level, Essence of Parsiyan Wisdom Institute, Shiraz, Iran.

Peer Review Summary

- Performed 122 reviews for journals including Neurological Sciences and BMC Complementary and Alternative Medicine; placing in the 99th percentile for verified review contributions on Publons up until May 2021.

Research Interests

- Persian Medicine
- Integrative Medicine
- Complementary and Alternative medicine
- Mind-Body Medicine
- History of Medicine