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Education:

Ph.D. (2014), Plant systematics, Shahid Beheshti University, Tehran, Iran

MSc. (2008), Plant systematics, Shahid Beheshti University, Tehran, Iran.

BSc. (2005), Botany, Shahid Beheshti University, Tehran, Iran.

Taught courses:

(BSc. Courses):

- ✓ Plant systematic 1
- ✓ Plant systematic 1 laboratory
- ✓ Plant systematic 2
- ✓ Plant systematic 2 laboratory
- ✓ Plant morphology
- ✓ Plant morphology laboratory
- ✓ Plant physiology 3
- ✓ Principles of classification in living creatures
- ✓ English in biological science
- ✓ Scientific writing
- ✓ Teacher Training Program 1
- ✓ Curriculum for students of biology
- ✓ Health and hygiene
- ✓ Content analysis of biological sciences books

(MSc. Courses):

- ✓ Ecosystems of Iran

Publications in Journals:

- 1) **Somayeh Keypour**, Mohammad Reza Asef. New reports on locality and host relationship of *Ganoderma resinaceum* from Iran. **Australasian Plant Pathology**, 2020, 49: 175–178.
- 2) **Somayeh Keypour**, Forough Mirzaniya, Mahdi Moridi. Antioxidant activity, total flavonoid, and phenolic contents of three different extracts of Hyrcanian Reishi KARST. **Current bioactive compounds journal**, 2019. DOI: [10.2174/1573407213666171107151007](https://doi.org/10.2174/1573407213666171107151007)

- 3) **Somayeh Keypour**, Hossein Riahi, Mostafa Ebadi Nahari, MR Asef Shayan, Ali Borhani, and Naser Safaie. Study of genetic diversity of two laccate species of genus *Ganoderma*; *Ganoderma lucidum* and *Ganoderma resinaceum* using RAPD marker. *Nova Biologica Reperta*, 2019, 5(4): 379-388.
- 4) **Keypour S**, Riahi H, Borhani A, Asef Shayan MR and Safaie N. Survey on wood decay fungi *Ganoderma* Species (Ganodermataceae; Polyporales) from Guilan and Mazandaran, Iran. **International Journal of Agriculture and Biosciences**, 2014, 3(3):132-135. <http://www.ijagbio.com/.../132-135.pdf>
- 5) **Somayeh Keypour**, Hossein Riahi, Naser Safaie, and Ali Borhani. Mycelial Growth rate and macro- and micromorphological characteristics of medicinal species of genus *Ganoderma* (higher Basidiomycetes) from Iran. **International Journal of Medicinal Mushrooms**, 2014, 16(4): 365-374. DOI: 10.1615/IntJMedMushrooms.v16.i4.70
- 6) **Somayeh Keypour**, Hossein Riahi, Hasan Rafati. A Review on the Biological Active Compounds and Medicinal Properties of *Ganoderma lucidum*. **Journal of Medicinal Plant**, 2013, 46, 13-25. (Persian) <http://jmp.ir/article-1-85-en.html>
- 7) **Somayeh Keypour**, Hasan Rafati, Hossein Riahi, Fatemeh Mirzajani Demneh, Mohammad-Fata Moradali. Separation and Identification of Different Ganoderic Acids from *Ganoderma lucidum* of East and West of Asia by hyphenated RP-HPLC and Mass Spectrometry. **Food Chemistry**, 2010. 119(4), 1704–1708. <https://doi.org/10.1016/j.foodchem.2009.09.058>
- 8) **Somayeh Keypour Sangesari**, Hossein Riahi, Hasan Rafati, Mohammad-Fata Moradali. Investigation of antibacterial effect of *Ganoderma lucidum* water extract from Iran. **Journal of Medicinal Plant**, 2009. 32, 53-59. (Persian) <http://jmp.ir/article-1-348-en.html>
- 9) **Somayeh Keypour**, Hossein Riahi, Mohammad-Fata Moradali, Hasan Rafati. Investigation of the Antibacterial Activity of a Chloroform Extract of Ling Zhi or Reishi Medicinal Mushroom, *Ganoderma lucidum* (W. Curt.: Fr.) P. Karst. (Aphyllphoromycetidae), from Iran. **International Journal of Medicinal Mushrooms**, 2008, 10 (4), 345-349. www.dl.begellhouse.com
- 10) **Somayeh Keypour**, Are mushrooms a cure for cancer, **Mushroom journal**, 2016, 52-54. (Translated)
- 11) **Somayeh Keypour**, Mohammad Reza Asef. *Ganoderma lucidum* a mushroom with miraculous medicinal activity. **Mushroom Journal**, 2016, 22-28. (Persian)
- 12) Pardis Irankhahi, Hosein Riahi, **Somayeh Keypour**. A review on pharmaceutical and industrial application of *Trametes versicolor*. **Mushroom Journal**, 2016. (Persian)
- 13) **Somayeh Keypour**, Homa Saadatnia. Mushrooms treatment for breast cancer. **Monthly Economy & Life**, 2009. p 14-15. (Translated to Persian)
- 14) **Somayeh Keypour**. Cultivation of Medicinal mushroom Shitake. **Monthly Economy & Life**, 2009. p 12-13. (Persian).

- 15) Somayeh Keypour. World production of edible mushroom industry: Trends and Technology to the development. **Monthly Economy & Life**, 2009. p 11. (Translated to Persian)
- 16) **Somayeh Keypour**, Fariba Hokmollahi. Mushroom As food and treatment. **Mushroom Farm (Bulletin of mushroom producers)**, 2009,1, 35-37. (Persian)
- 17) **Somayeh Keypour**. What is future waiting for? (Article on medicinal plants).**Synapses Journal**. 2004. (Persian)

Conference Poster/ Oral Presentations:

- 1) Screening of Iranian fungi *Ganoderma lucidum* strains for decolorization of Malachite green on **solid medium**. 3rd international congress on biotechnology, **2019 (Poster presentation)**.
- 2) Application of Iranian fungi *Ganoderma lucidum* strain for decolorization of Malachite green in **liquid medium**. 3rd international congress on biotechnology, **2019 (Poster presentation)**.
- 3) Comparison of two different storage techniques for *Ganoderma* storage in the long term. 1st Iranian plant pathology congress, 2019 (Poster presentation). 2019 (Poster presentation).
- 4) Evaluation of Antibacterial Activity of three different extracts of *Ganoderma applanatum* and *G. adspersum* Collected from North Iran. 8th National Congress on Medicinal Plants.
- 5) *The 19th international and Iranian congress of microbiology. THE STUDY AND IDENTIFICATION OF DETERIORATING FUNGI ON DOCUMENTS IN GOLESTAN PALACE. 4- 6 Sep **2018 (Poster presentation)**
- 6) The 1st International Congress and the 2nd National Conference on Biotechnology of Medicinal Plants and Mushrooms. The study of antibacterial activity of laccate *Ganoderma* collected from Hyrcanian forests, 27-28 August **2018. (Poster presentation)**
- 7) *The 20th National and 8th International Congress on Biology. Application of Cold Plasma in controlling biodeteriorating fungi on cultural heritage, 22-24 August **2018. (Poster presentation)**
- 8) *The International Congress on New Aspects of Applied Biology. Antifungal activity of medicinal plant essential oil against fungi purified from books in national library, 11-13 Jul **2018. (Poster presentation)**
- 9) *The 7th National Congress of medicinal plants. Biodeterioration Control of Books and Documents in Cultural Heritage Organization and Archives of Iran Using of Atmospheric Cold Plasma, May **2018. (Poster presentation)**
- 10) Attended at a congress for mycological society of Colorado, Denver, Co (May **2015**).
- 11) The 2nd mycology conference. Phylogenetical analysis of *Ganoderma* species collected from North Iran using mtSSU rDNA and ITS. Karaj, Iran, **2015 (Poster presentation)**
- 12) *The 16th International and Iranian congress of Microbiology. Determination of suitable submerged medium culture of 2 medicinal mushrooms: *T. versicolor* and *T. gibbosa*. **2015**, Tehran. **(Poster presentation)**

- 13) *The 16th International and Iranian congress of Microbiology. Investigation of the antibacterial activity of an aqueous extract of medicinal mushroom *T. versicolor* from Iran. **2015**, Tehran. **(Poster presentation)**
- 14) The 1st mycology conference” Guilan, Iran. Study of numerical taxonomy of Genus *Ganoderma* collecting from Gilan province, **2013**. **(Poster presentation)**
- 15) The Iran’s North regional congress” Gorgan, Iran. Identification of collected *Ganoderma* Sp. from Gilan Province and new records for their host relationship and dispersal, **2013**. **(Poster presentation)**
- 16) The 2nd national conference of medicinal plants” Shahid Beheshti University, Tehran, Iran. Antioxidant properties of chloroform, methanol and water extract of Hyrcanian *Ganoderma lucidum* Karst. , **2013** **(Poster presentation)**.
- 17) The 2nd national conference of medicinal plants” Shahid Beheshti University, Tehran, Iran. Mycelium Growth characteristics of a valuable medicinal mushroom *Ganoderma* from Golestan and Mazandaran Province, **2013**. **(Poster presentation)**
- 18) The 7th International Medicinal Mushroom Conference, Beijing, China. Study of morphology and mycelial growth characteristics of several *Ganoderma* species collected from Mazandaran Province, Iran, **2013**. **(oral presentation)**
- 19) The 7th International Medicinal Mushroom Conference, Beijing, China. A new records for host relationship of different species of *Ganoderma* from Mazandaran Province, Iran, **2013**. **(Poster presentation)**
- 20) The 1st mycology conference” Guilan, Iran. Reporting new evidences for host relationships of different *Ganoderma* species from Hyrcanian forests, North Iran, **2013**. **(Poster presentation)**
- 21) The Past, today & future of science in science centers congress, Tehran, Iran. Place of education in botanical gardens, **2012**. **(Oral presentation)**
- 22) The 1st phycology” conference, Shahid Beheshti University, Tehran, Iran. Study of medicinal potential of some micro and macro algae existed in Iran, **2011**. **(Poster presentation)**
- 23) The 2nd Plant biodiversity congress, Shahid Beheshti University, Tehran, Iran. Identification of *Ganoderma lucidum*(Curt.: Fr.) P.Karst., Family Ganodermataceae by Macromorphological and Micromorphological characters, **2009**. **(Poster presentation)**
- 24) The 3rd scientific research symposium on Iranian edible mushrooms congress, Iranian mushroom growers association, Tehran, Iran. Antibacterial effect of *Ganoderma lucidum* water extract from Iran, **2007**. **(Oral presentation)**

25) The “1st phytochemistry” conference, Shahid Beheshti University, Tehran, Iran. Antibacterial Activity of a Chloroform Extract of *Ganoderma lucidum* from Iran, 2007. (Poster presentation)

Book

- Contributed to write a Mycology book entitled; “Introduction to mycology” with Professor Riahi, Riahi, H., Keypour, S. & Saadatnia H. Introduction to mycology (2011). Tehran, Iran: Arad Publishing.
- Keypour S., Aghashariatmadari Z., Ahmadi A. “One day in the land of mushrooms”, a scientific book for pupils (2017-2018). Arak, Iran: Shahr Ara Publishing.

Awards:

- The best Article and lecture award for the” Place of education in botanical gardens ” at the international congress “ Past, today & future of science in science centers”, Tehran, Iran, 2012.
- The best Article and lecture award for” Investigation of antimicrobial effect of *Ganoderma lucidum* water extract “in the 3rd scientific research symposium on edible mushrooms in Iran, 2007.