

# Fatemeh Moein, Ph.D.

☎ +98 (917) 717 7739 • ✉ fatemeh.moein@gmail.com

## Education

---

### University of Isfahan

*Ph.D, Plant Science*

Thesis title : Evolutionary pattern of the genus *Salvia* in Iran

**Isfahan, Iran**

*Sep. 2012 Sep. 2017*

### Tarbiat Modares University

*M.Sc, Plant Science*

Thesis title: Molecular Phylogeny of the Genus *Hedysarum*(Fabaceae Hedysareae) based on nrDNA ITS and trnL-trnL-trnF Sequences.

**Tehran, Iran**

*Sep. 2008 March. 2011*

### Shahid Beheshti University

*B.Sc, Plant Science*

Thesis title : Anticancer vaccine

**Tehran, Iran**

*Sep. 2004 Sep. 2008*

## Research Experience

---

### Isfahan University

*Postdoctoral Researcher*

Conducting ecological niche modeling of Iranian *Salvia* to identify endangered groups.

**Isfahan, Iran**

*Sep. 2019 Present*

### University of Florida

*Visiting Researcher*

Joined the team in Molecular lab of Florida Museum of Natural history under supervision of Prof. Douglas E. Soltis and Prof. Pamela S. Soltis. Worked on evolutionary pattern of the genus *Salvia* in Iran

**Florida, USA**

*Nov. 2015 Jan. 2017*

## Workshop

---

### Alzahra University

*Molecular data and evolutionary analysis, Iran*

**Tehran**

*Feb. 2020*

### University of Isfahan

*Phylogenetic data analysis, Iran*

**Isfahan**

*May. 2019*

## Skills

---

### Phylogeny

- Plants molecular lab work
- Phylogenetic analysis using MrBayes Programm, Raxml and relevant phylogenetic softwares
- R-programming and applying R-packages in Phylogeny and Macroevolutionary analysis
- Biogeography analysis

### Ecology

- Ecological Niche Modeling in R-programm
- Forecasting future distribution of plants

## Award

---

Schenzhen

Outstanding student IBC 2017 award program

China

2017

## Publications

---

### Journal

---

- [1] Fatemeh Moein, Ziba Jamzad, Mohammadreza Rahiminejad, Jacob B. Landis, Mansour Mir-tadzadini, Douglas E. Soltis, and Pamela S. Soltis. Towards a global perspective for *Salvia* L.: Phylogeny, diversification and floral evolution. *Journal of Evolutionary Biology*, 36(3):589–604, 03 2023.
- [2] Fatemeh Moein, Ramiar Majidi, Zahra Khazaei, and Sajad Alipour. *Tulipa sarvestanica* (liliaceae), a new species from south-western iran. *Phytotaxa*, 630(1):87–92, 2023.
- [3] Fatima Moein and Ziba Jamzad. Current geographical distribution of *salvia aristata* (lamiaceae), prediction of its future distribution based on climatical data; a guide for its conservation. 06 2019.
- [4] Fatima Moein, Ziba Jamzad, and M. Rahiminejad. An integrating study of genetic diversity and ecological niche modelling in *salvia aristata* (lamiaceae). *Acta Botanica Hungarica*, 61:185–204, 03 2019.
- [5] Ziba Jamzad and Fateme Moein. The conservation status of *salvia aristata*, a rare species of the genus *salvia*. *Iran Nature*, 2(3):92–95, 2017.
- [6] Atefe Amirahmadi, Shahrokh Kazempour Osaloo, Fatemeh Moein, Akram Kaveh, and Ali Asghar Maassoumi. Molecular systematics of the tribe hedysareae (fabaceae) based on nrDNA ITS and plastid trnL-f and matK sequences. *Plant Systematics and Evolution*, 300:729–747, 2014.

### Conference

---

- [7] F. Moein and Z. Jamzad. Genetic variation and structure among *salvia aristata* (lamiaceae) populations based on srp marker in iran. In *International Symposium on Advances in Lamiaceae science*, Antalya, Turkey, 2017. (Oral).
- [8] F. Moein, Z. Jamzad, MR. Rahiminejad, M. Gitzendanner, D.E. Soltis, and Soltis. P.S. Phylogenetic relationships, character evolution and biogeography of the genus *salvia* (lamiaceae) in iran. In *XIX International Botanical Congress*, Schenzhen, China, 2017. (Oral).
- [9] F. Moein, Z. Jamzad, MR. Rahiminejad, E. Mavrodiev, M. Gitzendanner, D. Soltis, and P. Soltis. Phylogenetic relationship of *salvia* (lamiaceae), with special focus on iranian taxa. In *Botany 2016*, Savannah, Georgia. USA, 2016. (Poster).
- [10] A. Amirahmadi, S. Kazempour Osaloo, F. Moein, A. Kaveh, and A. Maassoumi. Molecular phylogenetic of the tribe hedysareae (fabaceae-papilionoideae). In *18th International Botanical Congress*, Melbourne, Australia, 2011. (Poster).