



CONTACT

University of Isfahan
(+98)31- 37932470
a.bagheri@sci.ui.ac.ir

Ali Bagheri, Ph.D.

Associate Professor

Department of Plant and Animal Biology

Education

Ph.D. Joint Project. Leibniz Institute of Plant Genetics and Crop Research (IPK) [Germany]

University of Isfahan [Isfahan- Iran]

Ph.D. , Plant Systematics

University of Kharazmi [Tehran- Iran]

M.Sc. Plant Systematics

University of Payame-Noor [Zanjan- Iran]

B.Sc. General Biology

Area of Study

My main field of research plant is Astragalus, the largest and most diverse genus of flowering plants in the world and also in Iran! Understanding the systematic relationships of this genus and also other Iranian endemic taxa in different ecosystems through different approaches is my main interest

Research

My research interests lie primarily in the area of Taxonomy & Molecular Phylogeny, Flora of Iran.

Scholarly Articles

1. Aliabadi, F., **Bagheri, A.**, Abbasi, S., Saeidi, H., & Blattner, F. R. (2023). [High Genetic Diversity in an Endemic and Vulnerable Species: Evidence from *Astragalus Cyclophyllon* \(Fabaceae\) in Iran](#). Genetic Resources and Crop Evolution, 1- 10.
2. **Bagheri, A.**, Maassoumi, A. A., Brassac, J., & Blattner, F. R. (2023). [Dated Phylogeny of *Astragalus* Section *Stereothrix* \(Fabaceae\) and Allied Taxa in the *Hypoglottis* Clade](#). Biology, 12(1), 138.
3. Akbari, F., Azadbakht, M., **Bagheri, A.**, & Vahedi, L. (2022). [In Silico, In Vitro, and In Vivo Wound Healing Activity of *Astragalus microcephalus* Willd.](#) Advances in Pharmacological and Pharmaceutical Sciences, 2022.
4. **Bagheri, A.**, Maassoumi, A. A., Noroozi, J., & Blattner, F. R. (2022). [Astragalus Sect. *Elvandia* \(Fabaceae\), A New Tragacanthic Section Recorded from Mt. Alvand, A Center of Endemism in W Iran](#). Plant Biosystems-An International Journal Dealing with all Aspects of Plant Biology, 156(5), 1260- 1268.
5. Akbari, F., Azadbakht, M., **Bagheri, A.**, & Vahedi, L. (2022). [In Vitro and In Vivo Wound Healing Activity of *Astragalus floccosus* Boiss.](#) (Fabaceae). Advances in Pharmacological and Pharmaceutical Sciences, 7865015, 1-15.
6. Bagheri, A., Akhavan Roofigar, A., Nemati, Z., & Blattner, F. R. (2022). [Genome Size and Chromosome Number Evaluation of *Astragalus* L. sect. *Hymenostegis* Bunge \(Fabaceae\)](#). Plants, 11(3), 435.
7. Bagheri, A., Maassoumi, A. A., Noroozi, J., & Blattner, F. R. (2022). [Astragalus sect. *Elvandia* \(Fabaceae\), a New Tragacanthic Section Recorded from Mt. Alvand, A Center of Endemism in W Iran](#). Plant Biosystems, 1-9.
8. Sinjushin, A., Ploshinskaya, M., Maassoumi, A. A., Mahmoodi, M., & Bagheri, A. (2022). [Variations in](#)

[Structure among Androecia and Floral Nectaries in the Inverted Repeat-Lacking Clade \(Leguminosae: Papilionoideae\)](#). Plants, 11(5), 649.

9. Salimbahrami, M., Saeidi, H., & Bagheri, A. (2021). [Iris Pseudomeda \(Iridaceae\), a new Species of Iris Section Oncocyclus from Iran](#). Phytotaxa, 527(1), 75-82.
10. Karbalaie, Z., Balali, G. R., Akhavan Roofgar, A., & Bagheri, A. (2021). [A Numerical Taxonomic Study of the Genus Artemisia L.\(Asteraceae\) in Isfahan Province](#). Journal of Taxonomy and Biosystematics, 47, 1-14.
11. Karbalaie, Z., Akhavan Roofgar, A., Balali, G. R., & Bagheri, A. (2021). [Foliar Micromorphology of Some Selected Species of the Genus Artemisia and its Taxonomic Implications](#). Rostaniha, 22(2), 273-285.
12. Roofgar, A. A., Bagheri, A., (2021). [The Floristic Study of Golestankooch Area in Isfahan Province, Iran](#). Nova Biologica Reperta, 8(1), 68-83.
13. Maassoumi, A. A., Mahmoodi, M., & Bagheri, A. (2020). [Astragalus sect. Irania \(Fabaceae\): A New Monotypic Section from Iran](#). The Iranian Journal of Botany, 26(2), 100-110.
14. **Bagheri, A.**, Blattner, F. R., & Fritsch, R. M. (2020). [Allium Gilanense, a new Species of Allium Sect. Codonoprasum \(Amaryllidaceae\) from Iran: Evidence from Morphological and Molecular Data](#). Phytotaxa, 474(3), 283-292.
15. Doğru-Koca, A., **Bagheri, A.**, & Moradi, A. (2020). [Investigations on the Phylogenetic Position of the Ditypic genus Froriepia Reveal Yildirimlia, a new genus of Apiaceae](#). Taxon, 69(6), 1259-1272.
16. **Bagheri, A.**, Abbasi, S., Mahmoodi, M., Roofgar, A. A., & Blattner, F. R. (2020). [Genetic Structure and Conservation Status of Astragalus Subrecognitus \(Fabaceae\): a very Rare and Narrow Endemic Species](#). Plant Ecology and Evolution, 153(1), 101-107.
17. Roofgar, A. A., **Bagheri, A.**, & Maassoumi, A. A. (2019). [Taxonomy of the Genus Astragalus L.\(Fabaceae\) in Isfahan Province](#). Taxonomy & Biosystematics, 11(39),97-114.

18. **Bagheri, A.**, Mahmoodi, M., Maassoumi, A. A., & Blattner, F. R. (2019). [A New Species of Astragalus Sect. Hypoglottidei \(Fabaceae\) From Iran](#). The Iranian Journal of Botany, 25(2), 95-102.
19. **Bagheri, A.**, Mahmoodi, M., & Maassoumi, A. A. (2019). [The Distribution Patterns of Astragalus Sect. Hypoglottidei DC. \(Fabaceae\) in Iran](#). Nova Biologica Reperta, 6(3), 320-325.
20. **Bagheri, A.**, Akhavan Roofgar, A., Abbasi, S., Maassoumi, A. A., Rutten, T., & Blattner, F. R. (2019). [Pollen Morphology of Astragalus Section Hymenostegis \(Fabaceae\) and Evaluation of Its Systematic Implications](#). Grana. 58(5), 328-336.
21. **Bagheri, A.**, Maassoumi, A.A. (2019). [Astragalus Blattneri, a new Species from Iran: based on Morphological Characters and Molecular Phylogenetic Data](#). Annales Botanici Fennici, 56, 211-215.
22. **Bagheri, A.**, Maassoumi, A. A. & Vitek, E. (2018). [Rediscovery of Astragalus sagan-lugensis \(Fabaceae, Galegeae\) in Iran after 184 years](#). Phytotaxa, 350, 297-299.
23. **Bagheri, A.**, Maassoumi, A. A., Rahiminejad, M. R., Brassac, J. & Blattner, F. R. (2017). [Molecular Phylogeny and Divergence Times of Astragalus Section Hymenostegis: An Analysis of a Rapidly Diversifying Species group in Fabaceae](#). Scientific Reports, 7, 14033.
24. Maassoumi, A. A., Mozaffarian, V., Moradi, A. & **Bagheri, A.** (2017). [Three new Species of Astragalus \(Fabaceae\) from Iran](#). Iranian Journal of Botany, 23, 1-5.
25. **Bagheri, A.**, Ghahremaninejad, F., Maassoumi, A. A., Rahiminejad, M. R. & Blattner, F. R. (2017). [Nine new Species of the Species-rich genus Astragalus \(Leguminosae\)](#). Novon. 25, 266-281.
26. **Bagheri, A.**, Maassoumi, A. A., Rahiminejad, M. R. & Blattner, F. R. (2016). [Molecular Phylogeny and Morphological Analysis Support a new Species and new Synonymy in Iranian Astragalus \(Leguminosae\)](#). PLoS One. 11, e0149726.
27. Sinjushin, A. A., **Bagheri, A.**, Maassoumi, A. A. & Rahiminejad, M. R. (2015). [Terata of two Legume Species with Radialized Corolla: Some Correlations](#)

[in Floral Symmetry](#). Plant Systematics and Evolution. 301, 2387-2397.

28. **Bagheri, A.**, Karaman Erkul, S., Maassoumi, A. A., Rahiminejad, M. R. & Blattner, F. R. (2015). [Astragalus Trifolium \(Fabaceae\), a Revived Species for the Flora of Turkey](#). Nordic Journal of Botany. 33, 532-539.
29. Karaman Erkul, S., **Bagheri, A.**, Maassoumi, A. A. & Rahiminejad, M. R. (2015). [Notes on Astragalus Sect. Hymenostegis \(Fabaceae\) from Turkey](#). Turkish Journal of Botany. 39, 205-207.
30. **Bagheri, A.**, Rahiminejad, M. R. & Maassoumi, A. A., (2014). [A New Species of the genus Astragalus \(Leguminosae-Papilionoideae\) from Iran](#). Phytotaxa. 178, 38-42.
31. **Bagheri, A.**, Rahiminejad, M. R. & Maassoumi, A. A., (2013). [Astragalus Hakkianus a new Species of Astragalus \(Fabaceae\) from N.W. Iran](#). Feddes Repertorium. 124, 46-49.
32. Maassoumi, A. A., **Bagheri, A.**, Amini Rad, M., Maroofi, H., Joharchi, M. R. & Ghahremaninejad, F. (2013). [Five New Species of Astragalus Sect. Malacothrix \(Fabaceae\) from Iran](#). Rostaniha. 14, 14-21.
33. Ghahremaninejad, F., **Bagheri, A.** & Maassoumi A. A. (2012). [Two New Species of Astragalus L. sect. Incani DC. \(Fabaceae\) from the Zanjan province \(Iran\)](#). Adansonia. sér. 3, 34, 59-65.
34. Maassoumi, A. A., **Bagheri, A.** & Ghahremaninejad, F. (2011). [Description of Astragalus Barnasariformis sp. nov. from Iran](#). Rostaniha. 12, 177-180.
35. **Bagheri, A.**, Maassoumi, A. A. & Ghahremaninejad, F. (2011). [Additions to Astragalus sect. Hymenostegis \(Fabaceae\) in Iran](#). Iranian Journal of Botany, 17, 15-19.
36. **Bagheri, A.**, Maassoumi, A. A. & Ghahremaninejad, F. (2011). [A Taxonomic Revision of the Genus Astragalus L. \(Fabaceae\) in Zanjan Province, Iran and Describing a New Species](#). Taxonomy and Biosystematic, 3, 7-16.
37. Ghahremaninejad, F. , & **Bagheri, A.** (2009). [Astragalus Andabadensis \(Fabaceae\) A New Species of Astragalus Sect. Incani Dc. from Zanjan](#)

[province, Iran](#). Iranian Journal of Botany, 15, 175-177.

Book

Noroozi, J., Talebi, A., Doostmohammadi, M., & **Bagheri, A.** (2020). In *Plant Biogeography and Vegetation of High Mountains of Central and South-West Asia* (pp. 185-214). Springer, Cham.