

Curriculum Vitae (C.V.) of Mahmoud Bagheri

Personal:

Name: Mahmoud

Surname: Bagheri

Date and place of Birth: September 11, 1976; Shemiran, Tehran Province, Iran.

Education:

PhD (2016): Faculty of agriculture, Tehran University, Iran

Thesis Title: Identification of *sgt* genes in *Solanaceae* family and their expression assay in eggplant (*Solanum melongena* L.)

MSc (2000): Faculty of agriculture, Tehran University, Iran

Thesis Title: Evaluation of Various Alfalfa Variety with Respect to Kinds and Amounts of Saponins

BSc (1998): Faculty of agriculture, Bu-Ali Sina University, Iran

Positions Held:

2010-present: Faculty Member, Seed and Plant Improvement Institute (SPII), Agricultural Research, Education and Extension Organization (AREEO), Karaj, Iran

2016-present: Assistant Professor, Seed and Plant Improvement Institute (SPII), Agricultural Research, Education and Extension Organization (AREEO), Karaj, Iran

2005-Present: Eggplant Breeder and Leader of Eggplant (*Solanum melongena* L.) Researches in Iran

2015 -present: leader of Quinoa (*Chenopodium quinoa* Willd) activities in Iran

International Activities:

FAO focal point for Quinoa (*Chenopodium quinoa* Willd) Activities in Iran and Attending Related Meetings and Conferences in Lebanon and United Arab Emirates (2015-present)

Delegation of Iran at UNECE (United Nations Economic Commission for Europe) Meetings, Working Party on Agricultural Quality Standards (2016-present)

Participating at International Training Workshop on Breeding Technology of Horticulture Crops, Institute of Vegetables and Flowers (IVF), Beijing, China (2009 Oct. 19-Nov. 1)

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Outstanding Works:

Releasing of 4 Eggplant Cultivars (*Azin*, *Derakhshan*, *Bita* and *Behrad*) as the first Iranian Eggplant Cultivars

Publications (some of):

Bagheri M., Shahnejat Bushehri A.A., Hasandokht M.R. and Naghavi M.R. 2017. Evaluation of solasonine content and expression patterns of *SGT1* gene in different tissues of two Iranian eggplant (*Solanum melongena* L.) genotypes. Food Technology and Biotechnology, 55 (2), 236-242. doi: 10.17113/ftb.55.02.17.4883

Bagheri M. and Zamani M.J. 2017. Study of solasonine content and *sgt1* gene expression in Iranian eggplant (*Solanum melongena* L.) genotypes. XIV Solanaceae and 3rd Cucurbitaceae Joint Conference, Valencia, Spain, 03-06 Sep., 2017.

Bagheri M., Naghavi M.R., Hasandokht M.R. and Shahnejat Bushehri A.A. 2016. Identification and sequencing of bitterness gene (*sgt1*) in eggplant (*Solanum melongena* L.). J. of Genetic Novin, 11 (3), 319-328. (In Farsi)

Bagheri M., Keshavarz S. and Khakhki Ali. 2016. Evaluation of Selected Lines from Eggplant (*Solanum melongena* L.) Landraces. Seed and Plant Improvement J., 32 (1), 2, 165-180. (In Farsi)

Keshavarz S., **Bagheri M.**, Musavi S.H. and Ghanbari A.A. 2015. Comparison of Pure Lines Selected from Local landraces of Pepper (*Capsicum annuum* L.). Seed and Plant Improvement J., 31 (1), 3, 403-419. (In Farsi)

Bagheri M., Keshavarz S., Zarbakhsh A., Arabsalmani K., 2013. Selected Lines from Iranian Eggplant Landraces in Advanced Yield Traits. Seed and Plant Improvement J., 29 (1), 4, 857-859. (In Farsi)

Keshavarz S., **Bagheri M.**, Jafari P. and Ghanbari A.A. 2013. Genetic Diversity of Iranian Native Cucumber Populations. Seed and Plant Improvement J., 29 (1), 2, 227-241. (In Farsi)

Mazaheri-Laghab H., Yazdi-Samadi B., **Bagheri M.** and Bagheri A.R. 2011. Alfalfa (*Medicago sativa* L.) shoot saponins: identification and bio-activity by the assessment of aphid feeding. British Journal of Nutrition (2011), 105, 62–70

Bagheri, M. and Keshavarz S. 2011. Pure line selection from five Iranian eggplant (*Solanum melongena* L.) landraces. Iranian Journal of Horticulture Sciences, Accepted. (In Farsi)

Bagheri M. 2010. Collection, Conservation and Breeding of Iranian eggplant Landraces. XIVth EUCARPIA Meeting and Breeding of Capsicum & Eggplant, Valencia, Spain, 30 Aug. – 1 Sep., 2010.

Bagheri, M. 2009. Hybrid Seed Production in Eggplant (*Solanum melongena* L.). J. of Zeiton, No. 197, Tehran, Iran. (in Farsi)

Yazdi-Samadi, B., **Bagheri, M.** and Mazaheri-Laghab, H. 2004. Saponins in Alfalfa and their Relationships with Alfalfa Weevil Resistance. 4th International Crop Science Congress, Brisbane Convention & Exhibition Center, Queensland, Australia.

Bagheri, M., Yazdi-Samadi, B., Mazaheri-Laghab, H. and Postini, K. 2001. Quantitative and Qualitative Analysis of Saponins in Different Varieties of Alfalfa and their Relationships with Alfalfa Weevil Resistance. Iranian Journal of Crop Sciences, Vol. 3, No.3 (in Farsi)

**and more than 20 Final Reports of Research Projects, Thesis,
Technical Documents, Instructions, Handbooks, Guidelines, etc**