



Screening of different Iranian ecotypes of cannabis under water deficit stress

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Hemp (*Cannabis sativa* L.,) Cannabinaceae is an annual herbaceous plant, which is dioecious naturally. Iranian germplasm of medicinal and none-medicinal hems is rich. More than 480 chemical compounds have been found in the plant, with cannabinoids being special and unique to the plant. The two principal cannabinoids are Δ^9 -THC and CBD. OPLC, HPLC, and UPLC are suitable methods to analyze cannabinoids. In order to assess various ecotypes of hemp under water deficit, a split-plot trial arranged in a randomized complete block design with two replications was conducted at Department of Horticulture, University of Tehran, Iran. 47 Ecotypes of Iran were the main factor, and water deficit was the sub main factor.



Mehdi has completed his M.Sc in Biotechnology and Molecular Medicine Plant at the age of 26 years from Tehran University and Researcher in Pasteur Institute of Iran (PII), Biotechnology Research Center (BRC). Mehdi Babaei has presented a seminar entitled "Analysis of Cannabinoids by HPLC and study of the Related Genes" which was held by Pasteur Institute of Iran (PII).

Analysis of Cannabinoids by HPLC and study of the Related Genes
Cannabis and it's medicinal research
Screening of different Iranian ecotypes of cannabis

7. [4th international conference on cannabis and medicinal Research, September 21-22,2020, Sydney, Australia](#)

8. [Mehdi Babei, Screening of different Iranian ecotypes of cannabis under water deficit stress, Cannabis Marijuana 2020, September 21-22,2020, Sydney, Australia](#)