**Title:** Compare of Podophyllotoxin content in cell culture in different medium of endemic Linum persicum  

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**Abstract:** *Linum persicum* is an endemic plant growing wild in Iran which have considerable amounts of lignans. These lignans are used to produce anticancer drugs such as, etoposide, etophose and teniopside [1]. In this study we investigated podophyllotoxin content in cell culture in 16 phytohormon treatment. Podophyllotoxin content was higher in 1 mg L\(^{-1}\) naphthaleneacetic acid/ 0.4 mg L\(^{-1}\) kinetin treatment. Amount of podophyllotoxin in this treatment was 0.05 mg/gr(FW).  

**Lignans, Linum persicum, Podophyllotoxin.**

Presentation: Poster