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## Evaluation of *Alchemilla persica* antidiabetic activity on mice induced by alloxan



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*Alchemilla* species are used in Turkish folk medicine for treatment of many diseases together with diabetes. *Alchemilla persica* belonging to this genus is widely distributed in East part of Anatolia as well as Caucasica, north and northeast of Iran and north Iraq. In the present study, *Alchemilla persica* aerial part and root methanolic-water extracts were evaluated for their hypoglycemic activities on alloxan induced diabetic mice, in order to verify its usage in folk medicine. Any of the tested extracts did not exhibit significant lowering effect on blood glucose levels. On the other hand *A. persica* aerial parts increased blood glucose level at 100 mg/kg and 200 mg/kg notably. *A. persica* usage for its antidiabetic activity is not confirmed in the present study.

### Biography

Ekin Kurtul is currently a PhD student studying at Ankara University, Faculty of Pharmacy for 2.5 years. She is working as a Research Assistant at the same university, Department of Pharmacognosy.

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