



## Research into the toxicity of the some wild growing plants from Arad county

Sergiu Palcu, Claudia Muresan

University „Aurel Vlaicu” of Arad, Faculty of Food Industry, Tourism and the Environment Protection, str. Elena Dragoi nr. 2, Arad, Romania, (e-mail: [palcusergiu@yahoo.com](mailto:palcusergiu@yahoo.com))

### **Abstract**

Among numerous medicinal plants, the aromatic and melliferous plant from wild flora of Arad county, show off in a special way some of them which are considered as being toxic plants. The importance of these species by pharmaceutical and toxicological point of view is determined by their complexity, among those is pointed out in a special way the alkaloids. The present paper is proposing to underline the nature, the toxicity, and the actuating mechanism and also the preventing and control actions of alkaloids action on a living organism. There are shown some reactions utilised for alkaloids fast identification and phrmacodynamic action of some of them.

Key words: taxine, atropine, digitaline, scopolamine, urushiol