

Effect Hipoglicemiante and Hipocolesterolêmico of the Watery Extract of
Indigofera Suffruticosa in Mice.

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Indigofera Suffruticosa presents sedativas and diuréticas actions. However, still they are scarce studies on other possible biological potentials of this vegetable. Thus, it was objectified to investigate the *I. suffruticosa* influence of on the séricos glucose levels, total cholesterol (CT) and of triglicerídios, however without provoking hepatotoxicidade, evaluated for the determination of alanine and aspartate aminotransferases. Pair uped test t of Student was used for the analysis of the results, with level of significance < 0,05. It was found that 15mg/Kg/dia they had not significantly modified the levels of the studied analitos, however 30mg/Kg/dia of watery extract of suffruticosa I. already they had approximately provoked a significant reduction of 33% in the séricos glucose levels and of about 22% in the CT levels, comparing itself the gotten levels at the beginning of the experiment with the levels found in 8^o day, without, however, to take the alterations in the levels of the triglicerídios and aminotransferases, demonstrating that this concentration does not lead neither to a hepatotoxicidade nor takes to the reduction or rise of the levels of triglicerídios. Thus, it is suggested that *I. suffruticosa* can exactly be presented as a hipoglicemiante and hipocolesterolêmico agent potential in mice and, of this form, also can come to also exert these effect in human beings, however more studies are necessary for its use as a farmacológico agent in the human beings, what it requires more research in this area, involving doctors, biomedical, pharmaceutical, biologists and researchers of similar areas.

Key words: *Indigofera Suffruticosa*, hepatotoxicidade, farmacológico agent.
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