

Formulation and Evaluation of Ethosomes of *Plumeria indica* Linn. Flowers

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Abstract : The number of products based on new drug delivery systems has significantly increased in the past few years, and this growth is expected to continue in the near future. These biopharmaceuticals present challenges to drug delivery scientists because of their unique nature and difficulty in delivery through conventional routes. Therefore, future research will focus on the delivery of these complex molecules through different routes, including oral, nasal, pulmonary, vaginal, rectal, etc. The aim of present study was to formulate and evaluate ethosomes of *Plumeria indica* flowers which may deliver the drug to targeted site more efficiently than marketed preparation and also overcome the problems related with oral administration of drug. The formulations were prepared with ethanol, lecithin, propylene glycol and were evaluated.

Keywords : ethosomes, herbal extract, *plumeria alba*, lecithin

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