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# A Review on Novel Herbal Drug Delivery

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Abstract: The utilization of novel herbal formulations, such as polymericnano particles, Liposomes, phytosomes, transfersomes and ethosomes, has been documented through a proactive approach and careful plant selections. I am currently involved inconducting reserch to discover new plant metabolites that have potential applications in the treatment of both human and animal health conditions Diverse challenges associated with the conventional system of medicine has been addressed through the indentation of innovative herbal drug delivery system. The novel system aim to improve various aspect, including solubility, bioavailability, protection from toxicity, enhancement of pharmacological activity

**Keywords:** Herbal, Novel drug delivery system.

#### REFERENCES

- [1]. Abdullahi R. Abubakar, and Mainul Haque. (2020). Preparation of medicinal plants: Basic extraction and fractionation procedures for experimental .J pharm Bioallied, 1-10.
- [2]. V. Kusum Devi, Nimisha Jain, Kusum S. valli Importance of novel drug delivery system in herbal medicine.pharmacognosy reviews January -june 2010 Vol 4 Issue
- [3]. https://www.creative-biolabs.com/lipid-based-delivery/phytosomes.htm.
- [4]. Mayank Chaturvedi ,Manish Kumar ,Amit sinhal,alimuddin saifi Recent development in novel drug delivery system of herbal drugs international journal of green pharmacy 5(2).
- [5]. Patela J., Patelb R., Khambholjab K., Patela N., "An review of phytosomes as an advanced herbal drug delivery system", 2009' Asian Journal of pharmaceutical Sciences, 4(6):363-371.
- [6]. Archana Dhyani ,and Divya Juyal. (2017). Phytosomes: An advanced herbal drug delivery system. Current Trends in Biomedical Engineering and Biosciences...,3(5) ,74-75
- [7]. Durgavati Yadav ,Kumar Sandeep ,Dipak Pandey and Ranu Kumari dutta.(2017).Liposomes for drug delivery .Journal of Biotechnologyand Biomaterials,7(4).
- [8]. Hadis Daraee, Ali Etemadi, Mohammad Kouhi, Samira Alimirzalu and Abolfazl Akbarzadeh
- [9]. Application of liposomes in medicine and drug delivery. Artificial Cells Nanomedicine, and biotechnology ,44(1),381-391.
- [10]. Arun Kumar ,Bimlesh Kumar,Sachin Kumar Sigh,Barinder Kaur and Saurabh sigh .(2017). A review on phytosomes:Novel approaches of herbal phytochemicals. Asian journal of pharmaceutical and clinical reaserch ...,10(10),41-47.
- [11]. Ansari Mohammad Faiz Aftab alam, Dr. Smita Takalkhede ,and Sujit Ubale .(2022)
- [12]. Niosomes as Novel drug delivery system: Review article. International journal of pharmaceutical reserch and application...,7(1), 171 -178.
- [13]. Arul jothy M.Shanmmuganathan S., Nagalakshmi, "An Overview on Niosomes as carrier in Dermal drug delivery", pharm sci. And Res. 2015;7(11):923-927.
- [14]. Sachan R.., Parashar T.., Singh V..., Singh G.., Tyagi J.., Patelb C.., Gupta A.., "Drug carrier Transfersomes: AnovelTool for Transdermal drug deliverysystem", Int. J. Res. Dev. Pharm. L. Sci. 2013

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