

Review on Novel Herbal Drug Delivery System

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Abstract: *Ayurveda, an ancient kind of medicine practised in India, Plant products have been utilised for a variety of reasons since prehistoric times. Plants are used as natural remedies for a variety of health ailments, such as allergies, wounds, burns, gastrointestinal difficulties, and even cancer. Herbal remedies are helpful but difficult to extract, process, and distribute; as a consequence, modifications are needed to solve these problems, which is what gave rise to the Novel Drug Delivery System (NDDS). In compared to traditional and other cancer treatment modalities, NDDS is also advantageous. By using different herbal excipients and API extract the several novel Herbal drug delivery systems are made as like liposomes, nanosomes, microsomes, Microemulsions, Phytosomes, Transferosomes, Ethosomes, Niosomes etc. Other Herbal excipients are some time used like colourants, sweeteners, binders, diluents, viscosity builder, Disintegrants, etc. These excipients may be useful in the development of stable products. Herbal medications have been altered to have a higher therapeutic value, less toxicity, a prolonged and regulated release, improved solubility, increased bioavailability, and improved patient compliance. NDDS, which contains a variety of innovative carriers include solid-lipid nanoparticles, transferosomes, ethosomes, microspheres, microemulsions, phytosomes, and liposomes. This review's goal is to introduce readers to the many herbal NDDS for the administration of herbal medications for the treatment of various illness conditions, such as diabetes and dementia.*

Keywords: Herbal Excipients, Novel Drug Delivery System, Phytosomes, Liposomes. Transferosomes, Ethosomes, Niosomes, Lipid Bilayers, Microemulsion, Neurodestructive, Dementia, wound Healing, NHDDS (Novel Herbal Drug Delivery System)

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