

# Advanced Herbal Technology

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**Abstract:** *The newest idea in herbal medication technology, known as the "herbosome," overcomes the drawbacks of conventional drug delivery methods. Since ancient times, doctors and patients around the world have used herbal medicines extensively due to their superior medicinal value. No negative effects or less side effects than contemporary medications. The herb's active components are bonded to phospholipids in the herbosome structures. A water-soluble head and two fat-soluble tails make up the phosphor lipid's molecular structure. The phosphor lipid works well as an emulsifier due to its dual solubility. The herb in some form provides drastically higher bioavailability for lipid soluble pharmaceuticals explained by faster and better absorption when the emulsifying properties of the phospholipids are combined with the standardised botanical extracts. digestion and intestinal absorption. Herbosome technology has been successfully used to increase the bioavailability of numerous well-known herbal extracts and phyto components, including ginseng, milk thistle, green tea, grape seed, and ginkgo biloba. It can also be produced for a variety of therapeutic uses or nutritional supplements. This approach has been deemed promising for efficient and appropriate systematic drug administration since it can increase the rate and amount of drug absorption through the lipid bio-membrane.*

**Keywords:** Herbosome, Advanced technology, Herbal, Authentication, Isolation, Supercritical fluid

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