



Evidence-Based Complementary and Alternative
Medicine

Special Issue on
Nanobiotechnology of Natural Products

CALL FOR PAPERS

Nanotechnology has been considered promising for many areas, including medicine. Several nanoformulations have been developed and are associated with many advantages, including aqueous solubilization of poor water soluble drugs, enhance absorption, bioavailability, and stability and even controlled release of substances. Nanoscale is directly responsible for physicochemical and biological properties of these kinds of products, being also necessary to investigate safety of nanoformulations. Despite the fact that most regulatory agencies do not have a definitive set of guidelines for products involving nanotechnology, there is a growing need to develop research involving clinical trials, anticipating future of medicine concerning this area. The innovative character of nanoformulations has been followed by an increasing number of patents deposited worldwide. Natural products have developed a main role in drug discovery and nowadays extensive literature data is available for a wide range of pharmacological applications. On this context, combination of nanotechnology with natural products appears as an extraordinary field inside biotechnology. We are interested in articles that explore all aspects related to nanoformulations containing natural products, such as standardized extract, fatty acids, monoterpenes, sesquiterpenes, diterpenes, triterpenes, flavonoids, and alkaloids.

Potential topics include, but are not limited to:

- ▶ Development of nanoparticles, nanoemulsions, nanosuspensions, and nanodispersions
- ▶ Evaluation of efficiency of encapsulation and release of chemical markers or active substances
- ▶ Biological evaluation of nanoformulations
- ▶ Evaluation of toxicity/side effects of nanoformulations
- ▶ Physicochemical characterization of nanoformulations
- ▶ Methods involved in production of nanoformulations

Authors can submit their manuscripts via the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/ecam/nbnp/>.

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