

Special issue on

Advances in nanotechnology in herbal medicines

CALL FOR PAPERS

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In our journal *Nano Materials and Nano Drugs*, a special issue is calling for papers about nanotechnology in herbal medicines.

Widely used throughout the world since ancient times, herbal medicines have been recognized by doctors and patients as offering better therapeutic value as they have fewer adverse effects than modern medicines. Nanosized drug delivery systems for herbal medicines hold potential prospects for improving activity and overcoming problems associated with phytomedicines. Therefore, the integration of nanocarriers such as nano drug delivery systems into conventional pharmaceutical systems is essential to solving more chronic diseases such as asthma, diabetes, cancer, etc.

However, in the second half of the 21st century, especially in the Western world, herbal medicine was gradually replaced by allopathic medicine. Moreover, most developing countries continue to use these natural medicines, most likely because of the high cost of obtaining synthetic drugs. According to the World Health Organization, 80% of people in developing countries rely on traditional medical methods to meet or supplement their basic health needs. It has been proposed to combine herbal medicine with nanotechnology, because nanostructured systems might be able to potentiate the action of plant extracts, reducing the required dose and side effects, and enhancing activity.

In this special issue of *Nano Materials and Nano Drugs*, we would like to focus our topic on nanotechnology in herbal medicines such as **the application of nano herbal medicine, its pros and cons, and the progress of the combination of nanotechnology and herbal medicines, products, and risks involved**. Potential topics include but are not limited to the ones mentioned above.