



# Evidence-Based Complementary and Alternative Medicine

## Special Issue on **Phytochemical Chemistry and Therapeutic Role in Chronic Inflammatory Diseases**

# CALL FOR PAPERS

Phytochemicals have been used since ancient times as both primary and supplemental treatment for various ailments and to support normal physiological functions. Isolated plant compounds remain one of the most significant sources for drug synthesis in the modern pharmaceutical industry. More than thousands of the phytochemicals have been reported and many more ones are expected.

A close association between phytochemicals intake and reduced incidence of chronic inflammatory diseases such as cancers, diabetes, and cardiovascular and neurological diseases has been established. Therefore, a large number of compounds have been screened to investigate their function, side effects, drug resistance, and enzyme kinetics, with core knowledge of structure-activity relationship.

We invite researchers, clinician, and medicinal chemists to contribute original research articles as well as review articles that will help in exploring the underlying mechanism behind the potential of phytochemicals for treatment and prevention of chronic inflammatory diseases, strategies focusing on drug discovery and development of new synthetic drug compounds, and the evaluation of outcomes and follow-up.

Potential topics include, but are not limited to:

- ▶ Pharmacological activity and therapeutic applications of phytochemicals in chronic inflammatory diseases
- ▶ Regulation of inflammatory signaling pathways by phytochemicals
- ▶ Pharmacokinetic and clinical studies of phytochemicals for the management of inflammatory diseases
- ▶ Phytochemicals chemistry and structure-activity relationship with reference to inflammation
- ▶ Strategies for developing new drugs to control inflammatory diseases

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

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