

**Aims & Scope:**

The aims and purposes of this is to update recent data from basic research to the clinic to review both the positive and potential negative effects of nutritional supplementation in human health. Indeed, probiotics, plant extracts, purified compounds and improved chemical formulations are right now commonly used to potentiate and support the human health in both normal and stressing pathological conditions and to counteract the deleterious effects of aging. This thematic issue on Current Topics in Medicinal Chemistry will collect review or an in vitro and/or in vivo research papers to provide and establish innovative assessments for experts in the field.

Keywords: Probiotics, nutritional supplementation, polyphenols, human health.

Subtopics:

The subtopics to be covered within this issue include:

- In Vitro and In Vivo effects of nutritional supplementation in preclinical model of human disease
- Cellular and/or molecular mechanisms of oxidative stress inhibition by nutritional supplementation
- Cellular and/or molecular mechanisms of inflammation inhibition by nutritional supplementation
- Effect of nutritional supplementation on neurodegeneration
- Effect of nutritional supplementation on gastrointestinal disorders.

Schedule:

- ✧ Manuscript submission deadline: 31-07-2022
- ✧ Peer Review Due: 31-08-2022
- ✧ Revision Due: 30-09-2022
- ✧ Announcement of acceptance by the Guest Editors: 01-10-2022
- ✧ Final manuscripts due: 01-12-2022

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