

## Tentative Outline

### Special/Thematic Issue for the Journal Current Topics in Medicinal Chemistry

#### Advancing Therapeutic Frontiers: Exploring the Preclinical Landscape of Food, Nutraceuticals, and Drug Discovery in Health and Medicine

*Guest Editor: Dr. Matteo Micucci*

##### Scope of the Thematic Issue:

This thematic issue aims to explore the multifaceted relationship between food, nutraceuticals, and drug discovery. We seek contributions that delve into the synergistic interplay between these domains, investigating the potential of food-based compounds and nutraceuticals in the context of drug discovery and development. Topics of interest include but are not limited to the identification and characterization of bioactive components in food and nutraceuticals, innovative approaches for their formulation and delivery, as well as their impact on therapeutic interventions. Furthermore, we encourage studies that explore the mechanisms underlying the interactions between food/nutraceuticals and drugs, aiming to enhance treatment outcomes and optimize patient care. By examining the convergence of food science, nutraceutical research, and drug discovery, this thematic issue aims to foster valuable insights and advancements in this dynamic field.

**Keywords:** Food; Nutraceuticals; Drug discovery; Synergistic interplay; Bioactive components; Formulation and delivery; Mechanisms and interactions.

##### Sub-topics:

- Identification and characterization of bioactive components in food and nutraceuticals.
- Innovative approaches for the formulation and delivery of food-based compounds and nutraceuticals.
- Impact of food-based compounds and nutraceuticals on therapeutic interventions.
- Mechanisms underlying the interactions between food/nutraceuticals and drugs for enhanced treatment outcomes and optimized patient care.

##### Schedule:

- Thematic issue submission deadline: **15<sup>th</sup> October 2023**

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