



## Bioactive Compounds from Food in the Prevention and Treatment of Chronic Non-communicable Diseases

Guest Editor:

**Dr. Hércia Martino**

Department of Nutrition and Health, Federal University of Viçosa, Av. Purdue, s/n, Campus Universitário, Viçosa 36570-900, MG, Brazil

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### Message from the Guest Editor

Dear Colleagues,

Chronic non-communicable diseases are based on local and systemic metabolic alterations, which can be controlled by bioactive compounds that activate as well as multiply defense cells from the immune system and mainly promote anti-inflammatory, antimicrobial, and antioxidant effects. However, although these compounds have promising effects in metabolic disease, new studies are necessary to establish the dose–response relationship, time required for exposure, and potential side effects, in order to ensure the effectiveness and safety of their use, reducing the development of chronic diseases. Thus, the aim of this Special Issue is to provide new insights on the dose–response of bioactive compounds' mechanisms and functions in maintaining optimal health and disease prevention/treatment. The Guest Editor welcome original contributions, epidemiological studies, narratives, systematic reviews, and meta-analyses.





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3. Preventive Medicine Service, Centro Hospitalario Universitario Insular Materno Infantil (CHUIMI), Canarian Health Service, 35016 Las Palmas, Spain

### **Prof. Dr. Maria Luz Fernandez**

Department of Nutritional Sciences, University of Connecticut, Storrs, CT 06269, USA

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*Nutrients* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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