



Bioactive Compounds from Food: Nanotechnology Approaches for Improving Human Health

Guest Editors:

Prof. Dr. Carlos Adam Conte Júnior

Department of Biochemistry,
Chemistry Institute, Federal
University of Rio de Janeiro, Rio
de Janeiro, Brazil

Dr. Italo Rennan Sousa Vieira

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Message from the Guest Editors

Food bioactive compounds include a broad class of phytochemicals that are present in vegetables, fruits, and cereal grains and capable of modulating metabolic processes and promoting human health. These compounds have been widely associated with their ability to reduce the risk of diseases. However, their low solubility and bioavailability may decrease their preventive/therapeutic potential. To overcome these challenges, several nano-delivery systems for bioactive compounds have been proposed in recent years. Nanoencapsulated bioactive compounds promote faster absorption and improve their ability to penetrate the mucus layer or directly absorb cells. In this context, investigating novel nanotechnology approaches based on the nanoencapsulation of bioactive molecules that promote human health has greatly interested the scientific community. Thus, this Special Issue of *Nutrients* welcomes high-quality original studies and review articles that examine nanotechnology's impact on improving the effectiveness of delivering food bioactive compounds to improve human health.





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Editors-in-Chief

Prof. Dr. Lluís Serra-Majem

1. Centro de Investigación Biomédica en Red Fisiopatología de la Obesidad y la Nutrición (CIBEROBN), Institute of Health Carlos III, 28029 Madrid, Spain
2. Research Institute of Biomedical and Health Sciences (IUIBS), University of Las Palmas de Gran Canaria, 35001 Las Palmas, Spain
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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Contact Us

Nutrients Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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