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Recent Advances in Nanodelivery Systems for Plant and Food Derivatives, 2nd Edition

Guest Editors:

Prof. Dr. Anna Rita Bilia

Department of Chemistry “Ugo Schiff”, University of Florence, Via Ugo Schiff 6, 50019 Sesto Fiorentino, FI, Italy

Dr. Giulia Vanti

Department of Chemistry “Ugo Schiff”, University of Florence, Via Ugo Schiff 6, 50019 Sesto Fiorentino, Italy

Dr. Eleonora Truzzi

Department of Life Sciences, University of Modena and Reggio Emilia, Via Campi 103, 41125 Modena, Italy

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Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to collect contributions in the field of pharmaceutical nanotechnology applied to plant and food derivatives, also considering the possibility of using plant and food as a source of bioactive components of nanodelivery systems.

Many constituents of plants and foods have numerous biological activities, but they do not possess drug-like characteristics, with consequently limited efficacy and clinical use. Recently, many food macromolecules have been reported for health-promoting effects, but they have low application in functional foods, food supplements, medical devices, or medicine because of their inefficient systemic delivery and poor oral bioavailability. However, they have attracted considerable attention as structural components of nanocarriers due to their biocompatibility, biodegradability, renewable origin, and easy modification.

Therefore, nanotechnology encases the prospective of offering many strategies to improve the efficacy of natural derivatives from plants and foods and an application platform for their chemical, nutritional, and pharmaceutical potential.





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Editor-in-Chief

Prof. Dr. Patrick J. Sinko

Department of Pharmaceutics,
Ernest Mario School of
Pharmacy, Rutgers University,
Piscataway, NJ 08854, USA

Message from the Editor-in-Chief

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Pharmaceutics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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