

Special Issue

Drug Delivery of Natural Active Principles: Focus on Topical and Oral Applications

Message from the Guest Editors

Natural active principles still attract interest regarding their therapeutic purposes thanks to the lack of side effects, which makes them particularly appealing for the treatment of chronic diseases (e.g., hypertension and atherosclerosis). However, strategies for optimising the delivery of natural compounds and enhancing their efficacy are still needed. Natural compounds, in fact, are often affected by low bioavailability, low stability or fast degradation. Different strategies can be proposed, encompassing, for example, nano- or micro-carriers, polymer-based, lipid-based or oxide-based particles or hybrid systems, and specific formulations. The present Special Issue aims to collect original research articles, review papers, or reviews regarding systems and approaches to delivering natural compounds, protecting them or enhancing their properties, with particular attention to oral and topical delivery. Authors are encouraged to share their research on both the synthesis of new systems and their characterization. Works including in vitro and in vivo tests are welcome.

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