

Special Issue

Innovative Drug Delivery Through Chemically Synthesized Polymers and Terpenoids

Message from the Guest Editor

This collection aims to provide a platform for exploring the design, synthesis, and functional evaluation of new polymeric materials specifically tailored for drug delivery. Additionally, it will investigate the distinctive properties of terpenoids, which are gaining recognition for their ability to improve the bioavailability and therapeutic index of drugs. Contributions are expected to cover various topics, including:

- The modulation of drug release kinetics via chemically synthesized polymers;
- Interactions between terpenoids and biological membranes and their effects on drug absorption;
- Strategies for co-delivering multiple therapeutic agents using polymer–terpenoid conjugates;
- Approaches to overcoming biological barriers with these innovative materials;
- Performance evaluation of these advanced drug delivery systems.

This Special Issue aims to serve as a valuable resource for researchers, pharmaceutical scientists, and clinicians, offering a comprehensive overview of the latest advancements, challenges, and future directions in drug delivery research.

Guest Editor

Dr. Seyed Ebrahim Alavi
School of Medicine and Dentistry, Griffith University, Brisbane, QLD
4215, Australia

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
processes@mdpi.com

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Editor-in-Chief

Prof. Dr. Giancarlo Cravotto
Department of Drug Science and Technology, University of Turin, Via P.
Giuria 9, 10125 Turin, Italy

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