

Special Issue

Lipid and Polymeric Based Antibiotic Nanosystems

Message from the Guest Editors

The current global crisis of antibiotic resistance and the decline in the introduction of new antibiotics are major barriers to the optimal treatment of bacterial infections. Significantly, secondary bacterial infections are also being reported as complications observed with the treatment of COVID-19, cancer, and diabetic patients. Rationally developed lipid- and polymer-based antibiotic drug delivery nanosystems are showing significant potential for improving treatment of bacterial infections associated with various diseases and for overcoming resistance. This Special Issue will highlight advances being made in and the current status of lipid- and polymer-based antibiotic nanosystems for combating and preventing bacterial infections. We invite the submission of both original research papers and review articles focusing on the design, development, and in vitro/in vivo/in silico characterization of innovative lipid- and polymer-based antibiotic drug delivery systems.

Guest Editors

Prof. Thirumala Govender
University of KwaZulu-Natal, Durban, South Africa

Dr. Calvin A. Omolo
United States International University Africa

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

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Prof. Dr. Patrick J. Sinko
Department of Pharmaceutics, Ernest Mario School of Pharmacy,
Rutgers University, Piscataway, NJ 08854, USA

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