

Special Issue

Prodrug Applications for Targeted Cancer Therapy

Message from the Guest Editors

Targeted cancer therapies are a key part of modern oncology, with prodrugs offering promising strategies to enhance selectivity and reduce toxicity. Advances in prodrug design enable precise activation, addressing challenges like poor solubility, low permeability, and drug resistance. This Special Issue focuses on the latest progress in prodrug-based targeted cancer therapy, including design, synthesis, and evaluation in vitro and in vivo. Topics include tumor-selective activation, stimuli-responsive prodrugs, nanocarrier conjugates, resistance mechanisms, pharmacokinetics, clinical perspectives, and regulatory aspects. We invite original research, reviews, and short communications to explore prodrugs' role in next-generation cancer treatments and translational applications.

We look forward to your contributions.

Guest Editors

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