

## Special Issue

# Biomarker-Guided Drug Delivery Systems and Oral Bioavailability Enhancement

### Message from the Guest Editors

Biomarker-guided drug delivery systems and oral bioavailability enhancement synergy are transforming precision medicine. Through patient-specific biomarkers, new drug formulations can be tailored to improve therapeutic efficacy with fewer side effects.

Recent drug delivery technology developments have increased oral bioavailability and drug absorption efficiency. Biomarker uses in drug delivery are revolutionizing personalized medicine through controlled and targeted drug release, better pharmacokinetics, and reduced variability in patient response.

This Special Issue will feature state-of-the-art research on biomarker-guided drug delivery systems, precision medicine, and formulation strategies for oral bioavailability enhancement. We welcome original research articles, reviews, and short communications discussing biomarker-guided solutions for oral bioavailability enhancement, personalized oral drug delivery, and new predictive analytic strategies for formulation development. Articles covering the use of AI and machine learning for drug absorption optimization are also welcome.

### Guest Editors

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### Deadline for manuscript submissions

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## Pharmaceutics

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