Special Issue

Epigenetic Regulatory Mechanisms and Applications of Non-Coding RNAs in Chemoresistance and Metabolic Disorders

Message from the Guest Editors

Non-coding RNAs (ncRNAs) have gained increasing recognition as pivotal modulators of epigenetic landscapes that govern cellular responses to chemotherapy, metabolic dysfunction, and druginduced toxicities.

This Special Issue of Pharmaceuticals welcomes highquality original research and comprehensive reviews, may focus on the interactions between ncRNAs and key epigenetic modifiers such as DNA methyltransferases, histone-modifying enzymes, and chromatin remodelers; explore the role of ncRNAs in mediating drug-induced toxicities and their potential as diagnostic or prognostic biomarkers; present innovative experimental models and bioinformatics approaches to unravel ncRNAepigenetic crosstalk; or propose therapeutic strategies targeting ncRNAs to overcome chemoresistance and reduce adverse drug effects.

By integrating advances from epigenetics, RNA biology, pharmacology, and clinical research, this Special Issue aims to deepen our understanding of ncRNA-driven epigenetic regulation and foster the development of novel diagnostic and therapeutic tools that enhance treatment efficacy and patient quality of life.

Guest Editors

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Deadline for manuscript submissions

15 June 2026



Pharmaceuticals

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Impact Factor 4.8 CiteScore 7.7 Indexed in PubMed



mdpi.com/si/254611

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We hope to handle your contribution to *Pharmaceuticals* soon.

Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

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