

## Special Issue

# Molecular Biology in Drug Design and Precision Therapy

### Message from the Guest Editors

The Special Issue "Molecular Biology in Drug Design and Precision Therapy" aims to explore the interplay between molecular biology and the development of novel therapeutic strategies, with a particular focus on precision medicine. In biomedical research, molecular biology has a tremendous role in elucidating the fundamental mechanisms implicated in disease pathogenesis, simplifying the road to targeted therapies tailored to individual patients.

This Special Issue invites contributions that explore the molecular intricacies of disease processes, encompassing a wide array of topics. Emphasizing the molecular level of investigation, manuscripts are encouraged to elucidate the molecular targets of therapeutic interventions, as well as mechanisms of drug action and resistance, and explore the potential of precision medicine approaches to optimize treatment outcomes. Through a comprehensive understanding of molecular mechanisms, this Special Issue aims to drive advancements in drug discovery, development, and personalized therapy, ultimately translating molecular insights into improved clinical outcomes for patients.

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### Guest Editors

Dr. Cristina Manuela Dragoi

Dr. Ion-Bogdan Dumitrescu

Dr. Alina Crenguta Nicolae

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### Deadline for manuscript submissions

closed (10 December 2025)



## Current Issues in Molecular Biology

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## About the Journal

### Message from the Editor-in-Chief

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#### Editor-in-Chief

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