

## Special Issue

# Advancing Pharmacogenetics and Pharmacogenomics in Pre-Clinical Research: Unveiling New Avenues for Precision Medicine

### Message from the Guest Editors

Pharmacogenetics tailors medical treatments based on individual genetic variations, optimizing drug response, efficacy and safety. Pre-clinical research is crucial for translating these findings into clinical practice. This Special Issue aims to explore the latest discoveries in pharmacogenetics, with a focus on pre-clinical research and its impact on precision medicine. We welcome original research articles and reviews on various aspects of pharmacogenetics in pre-clinical research, including genetic variant identification, mechanistic insights, novel models and methodologies, integrating pharmacogenetic data in drug development and translation. We seek contributions that will advance our understanding of pharmacogenetics and shape the future of personalized therapeutics.

### Guest Editors

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### Deadline for manuscript submissions

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## Biomedicines

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### Message from the Editor-in-Chief

*Biomedicines* (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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### Editor-in-Chief

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