

Special Issue

The Application of Pharmacogenetics in Toxicity Prevention and Drug Effect Improvement

Message from the Guest Editor

Pharmacogenomics, the study of how an individual's genetic makeup influences their response to drugs, has increasingly gained prominence in personalized medicine. Recent developments include the identification of new genetic markers associated with drug metabolism, efficacy, and adverse reactions. The integration of next-generation sequencing technologies has allowed for more comprehensive genomic profiling, enabling healthcare professionals to tailor drug prescriptions based on an individual's genetic profile. The ongoing progress in pharmacogenomics holds promise for optimizing drug therapy, minimizing adverse effects, and improving overall patient outcomes. This Special Issue aims to gather cutting-edge research, innovative methodologies, and insightful perspectives that contribute to the understanding and advancement of pharmacogenetics, strategies for preventing drug toxicity, and methods for enhancing drug efficacy. We believe that your expertise in "Pharmacogenetics" would significantly enrich the content of this Special Issue.

Guest Editor

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Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

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