

Special Issue

Pharmacogenomics - A Genetic Approach to Drug Therapy and Development

Message from the Guest Editor

Drug interactions are better understood with the application of pharmacogenomics, the most well-known study now used in medical sciences. Regarding therapies and drug development, it has a significant impact. The large-scale implementation of pharmacogenomics is required in the area of therapeutic development. The main focus is on how genes and a complex gene system affect how the body reacts to medications. According to the most recent developments in the field of clinical therapeutics, new biomarkers have been identified that make it simpler to identify a group of patients who are more or less likely to respond to specific treatments. A combination of genetic, environmental, and patient features that have an impact on the pharmacokinetics and/or pharmacodynamics of medications results in inter-individual variance in drug response. With this Special Issue, we aim to present research/review articles, commentaries, etc. that could serve as potential sources of new application/methodology/approach implementation in the field of pharmacogenomics. The topics of this Special Issue may be experimental or theoretical.

Guest Editor

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Because of your expertise in the field of drug sciences, I kindly invite you to consider publishing your current work, in the form of a research article or a review, in the open access electronic journal *Pharmaceuticals*.

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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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