



Advances in Pharmacogenomic Studies

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Deadline for manuscript
submissions:

closed (31 May 2024)

Message from the Guest Editor

Dear Colleagues,

Pharmacogenomics (PGx) is a field of pharmacology that addresses how genetic factors contribute to the body's response to given medications. This informs prescribing decisions and facilitates the tailoring of patient-specific drug regimens, thus improving clinical responses. Today, PGx is a well-established discipline in several developed countries with some clinical applications, but it is considered emergent in developing countries, and has almost no applications in undeveloped countries. This illustrates unequal development in this important field, which is an issue in many countries where this discipline could prove cost-effective or even cost-saving.

This Special Issue addresses the current state of pharmacogenomics, precision medicine approaches to improving drug therapies, and challenges that must be overcome to enable their clinical application. Updated research on PGx and its clinical applications is required. To this end, this Special Issue encourages researchers to submit up-to-date original research, meta-analyses, systematic reviews, case reports, clinical trials, and specific reviews on this topic.





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