

Special Issue

Population Pharmacokinetics and Pharmacogenetics

Message from the Guest Editor

This Special Issue focuses on mathematical modeling related to the discovery of effective covariates, population pharmacodynamic modeling, and genetic polymorphism in the interpretation of pharmacokinetic variability between individuals. Therefore, pharmacokinetics, pharmacodynamics, in vivo drug quantification, and genetic polymorphism studies (such as enzymes or transporters involved in drug absorption, distribution, metabolism, and excretion) for precision medicine and individualized pharmacotherapy settings will be suitable for the scope of this Special Issue. In addition, studies on predicting drug behavior and efficacy in the body through mathematical modeling, exploring clinical usage based on models, and exploring effective covariates to explain the diversity of pharmacokinetics and pharmacodynamics among individuals will be very welcome. Finally, it is expected that a great deal of useful and interesting research information for the realization of precision medicine will be introduced in this Special Issue.

Guest Editor

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Message from the Editor-in-Chief

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*. *Pharmaceuticals* is characterized by an active editorial board and a dynamic editorial staff. Manuscripts are peer-reviewed and a final decision is provided to authors within 4–6 weeks after submission. Papers are published on the web immediately after acceptance. For details on the submission process or any other matter, please do not hesitate to contact us. We hope to handle your contribution to *Pharmaceuticals* soon.

Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

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