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Pharmacometrics Research for the Realization and Advancement of Precision Medicine

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Message from the Guest Editors

This Special Issue focuses on the application and current status of pharmacometric studies for the realization and advancement of precision medicine. 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 this Special Issue scope. 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 lot of useful and interesting research information for the realization of precision medicine will be introduced in this Special Issue.



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Special Issue



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Message from the Editor-in-Chief

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