Personalized Medicine Based on Drug Transporter Genetic Heterogeneity

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Deadline for manuscript submissions:
closed (15 February 2019)

Message from the Guest Editors

Dear Colleagues,

The International Transporter Consortium (ITC) has indicated the need to implement easy and reproducible preclinical assays suitable for the analysis of drug-transporter interactions and drug–drug interactions likely to compromise drug pharmacokinetics and pharmacodynamics. These cross-interactions have been shown, in some cases, to have a clinical impact and may be also modulated by genetic polymorphisms in the transporter-encoding genes. The two major transporter-encoding gene superfamilies in humans, *SLC* and *ABC,* include paradigms of genetic heterogeneity, although their impact on drug action and their suitability as biomarkers of individual drug-response heterogeneity have not been properly addressed thus far. The *Journal of Personalized Medicine* is now opening a Special Issue that is fully devoted to drug transporter functional heterogeneity, with a call for papers involving basic, translational, and clinical research on this topic.

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Guest Editor

mdpi.com/si/9128

Special Issue

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Message from the Editor-in-Chief

Journal of Personalized Medicine (*JPM*; ISSN 2075-4426) is an international, open access journal aimed at bringing all aspects of personalized medicine to one platform. *JPM* publishes cutting edge, innovative preclinical and translational scientific research and technologies related to personalized medicine (e.g., precision medicine, pharmacogenomics/proteomics, systems biology, 'omics association analysis). *JPM* is covered in Scopus, the Science Citation Index Expanded (SCIE), PubMed, PMC, Embase, and other databases.

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