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Personalized Medicine Based on Drug Transporter Genetic Heterogeneity

Guest Editors:

Message from the Guest Editors

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Deadline for manuscript submissions: closed (15 February 2019)

Dear Colleagues,

The International Transporter Consortium (ITC) has indicated the need to implement easy and reproducible preclinical assays suitable for the analysis of drugtransporter interactions and drug-drug interactions likely compromise drug pharmacokinetics and to 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 transporterencoding 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.

Prof. Marçal Pastor-Anglada *Guest Editor*







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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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