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## Pharmacogenomics: Challenges and Future (Volume II)

Guest Editor:

**Dr. Mariamena Arbitrio**

Institute of Biomedical Research  
and Innovation (IRIB-CNR),  
Section of Catanzaro, 88100  
Catanzaro, Italy

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### Message from the Guest Editor

Dear Colleagues,

Over the past years, the growth of pharmacogenomics (PGx) within the medical community has contributed to improving the practice of precision medicine. The genetic make-up influences the interindividual variability of drug responses in terms of dosing, drug efficacy/toxicity, hypersensitivity reactions, drug resistance, and clinical outcome. The discovery of PGx biomarkers may lead to tailored prescriptions, with a major impact on healthcare costs. Until now, FDA recommendations are provided for over 200 drugs in several therapeutic areas, especially for cancer. However, PGx implementation is still limited, and several barriers need to be overcome. For this Special Issue, contributions from both experts and beginners in the PGx field are invited. We welcome reviews and original research articles covering many aspects of PGx, from the discovery of new PGx biomarkers to methodological strategies to increase PGx knowledge and implementation, including the validation of PGx biomarkers for clinical translation. Moreover, studies on ethical, legal, and economic aspects and on the role of epigenetic and non-genetic factors are also welcome.



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# Special Issue



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### **Prof. Dr. Selvarangan Ponnazhagan**

Department of Pathology, The  
University of Alabama at  
Birmingham, 1825 University  
Blvd, SHEL 814, Birmingham, AL  
35294-2182, USA

## Message from the Editor-in-Chief

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*Genes* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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