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Drug Safety and Relevant Issues in the Real-World

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Message from the Guest Editors

The COVID-19 pandemic showed, once again, how drug safety and proper communication in the field of pharmacovigilance play key roles in public health, especially in times of emergency. Although randomized clinical trials aim to assess drug efficacy and safety before its approval, some intrinsic limitations may be detected, which consequently, do not reflect the real-world population. Real-world data collection from electronic health databases and the adoption of automated tools with the integration of advanced methodologies have radically changed scientific evidence by improving drug benefit–risk profile assessment in real-world setting. For this reason, pharmacovigilance and pharmacoepidemiology studies are essential to further establish the appropriate prescribing, effectiveness, drug–drug interactions, short- and long-term drug safety, and all risk minimization measures of pharmacological treatments, especially for innovative therapies. Authors are invited to submit original articles as well as systematic reviews, meta-analyses, and review articles in this Special Issue to contribute to the implementation of real-world data for public health.



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Special Issue



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