

Special Issue

Adverse Drug Reactions and Gender Differences

Message from the Guest Editors

In the era of personalized and precision medicine, gender differences continue to be a “grey zone” that requires better definition, especially in terms of drug response and tolerability. Several studies suggest that gender and sex differences could result in different drug tolerability in terms of adverse drug reaction (ADR) frequency and seriousness.

Advances in pharmacology are essential to understand the gender differences associated with pharmacological treatments. Although the data available regarding the impact of gender on the safety profiles of medicinal products shows a prevalence of ADR occurrence amongst females over males, gender-specific pharmacovigilance activities must be undertaken in order to reduce the risks associated with the use of medicinal products and to conduct a risk/benefit assessment in greater detail to elucidate the differences between men and women in terms of pharmacokinetics and pharmacodynamics. In this Special Issue, experts are invited to submit clinical trial, experimental, original, and review articles that contribute to improving the understanding of the different drug safety profiles related to gender differences.

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Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

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