



Drug-Drug Interactions (DDI) and Personalized Medicine in Oncology

Guest Editors:

Dr. Michela Roberto

Medical Oncology Unit A,
Umberto I University Hospital,
Sapienza University, 00100 Rome,
Italy

Prof. Dr. Andrea Botticelli

Department of Radiological,
Oncological and Pathological
Sciences, Medical Oncology Unit,
Umberto I Hospital, Sapienza
University, 00161 Rome, Italy

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Message from the Guest Editors

Drug–drug interactions (DDIs) are one of the main aspects within the personalized medicine field that concern the treatment of cancer patients, especially when multiple oral or non-oral drugs are being used. However, the clinical relevance of these interactions is not always investigated. DDIs can be pharmaceutical, pharmacokinetic, or pharmacodynamic. They can also be wanted (e.g., the use of ciclosporin to enhance the oral bioavailability of paclitaxel); unwanted (e.g., a combination of the antiviral agent sorivudine and oral fluorouracil analogues can lead to fatal complications); between cytotoxic drugs, cytotoxic drugs, and non-cytotoxic drugs; or with pharmaceutical vehicles. More attention should be paid to the recognition of potential drug interactions to especially identify any effect in terms of toxicity as well as activity in oncological and non-oncological drugs. Therefore, we search for articles (reviews or original papers) about DDIs in cancer patients, regardless of the type of tumor, to provide more information about this less-explored field.





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Prof. Dr. Amélia Pilar Rauter

Departamento de Química e Bioquímica (DQB) e Centro de Química e Bioquímica (CQB), Faculdade de Ciências, Universidade de Lisboa (FCUL), Rua Ernesto de Vasconcelos, Campo Grande, Edifício C8, 5º Piso, 1749-016 Lisboa, Portugal

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