

Special Issue

Study of Clinical Pharmacokinetics in Oncology Diseases

Message from the Guest Editors

Anticancer drugs have different pharmacokinetic profiles depending on their chemical structures and on the schedules used in clinical practice. Furthermore, antineoplastic agents may significantly interact with drugs that are used to treat co-morbidities in oncological patients. Therefore, the pharmacokinetics of anticancer drugs should be adequately described and investigated by the scientific literature in order to avoid severe adverse drug reactions and to maintain plasma drug concentrations within the therapeutic range.

Relationships between systemic exposure to anticancer drugs have been described for various classes of drugs. However, the relationship between pharmacokinetic parameters and the response rate is usually neglected for many anticancer drugs, and this may be related to the lack of studies describing this particular but fundamental aspect of anticancer pharmacology. With this Special Issue, we hope to encourage submissions that discuss the current state-of-the-art, address ongoing knowledge gaps, and focus on ongoing controversies related to clinical pharmacokinetics in oncology diseases.

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