



Contribution of Cancer-Targeting Drugs toward Faster Clinical Application 3.0

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Deadline for manuscript
submissions:

closed (30 April 2024)

Message from the Guest Editor

Various cancer-targeting drugs (synthesized small molecules, natural products, antibodies, etc.) have been developed over the decades. These include: 1. general chemotherapeutic drugs that inhibit cell division and growth; 2. specific protein-targeting drugs that block overexpressed growth signaling, the abnormal production of ATP energy, or cancer-generated angiogenesis; and 3. cellular immunotherapeutic drugs that provide an enhanced attack on cancer cells.

In this Research Topic, we aim to identify and investigate the novel applications of cancer-targeting drugs, including: 1. products derived from original drugs, 2. drug repositioning, 3. experimental drugs soon to be available for testing in clinical trials, and 4. natural products. In our investigations, we also plan to include the pharmacokinetics and pharmacodynamics of combination drug treatments offering improvements over current therapies.

We expect that our findings will encourage the faster initiation of clinical trials as well as therapeutic application.





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