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Multi-Drug Resistance

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Deadline for manuscript
submissions:

closed (31 December 2023)

Message from the Guest Editor

Drug resistance is an unavoidable consequence of the use of drugs, which is a major challenge, notably in cancer and infection. Multi-drug resistance (MDR), which is characterized by cross-resistance to a wide variety of drugs with distinct structures and mechanisms of action, has emerged as a major threat to global public health security. Deciphering the multidisciplinary and interdisciplinary characteristics of MDR in cancer and infection allows the development of novel precision medicine treatment modalities that can overcome different and well-defined drug resistance mechanisms. This Special Issue aims to provide up-to-date research, reviews and commentary on the mechanisms of MDR in the treatment of cancer and infection, new diagnostic and therapeutic tools against multi-drug-resistant tumors or bacteria, as well as potential therapeutic strategies to overcome MDR.



mdpi.com/si/146667

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Message from the Editor-in-Chief

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