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Use of Single-Cell Omics in Personalized Medicine

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Message from the Guest Editor

Especially in the domain of oncology, single-cell omics has shown its usefulness by enabling physicians to assess (among others) immune infiltration through image-based technologies, the clonality of tumors through single-cell RNA and DNA sequencing, and cell-type-specific drug response through empiric drug testing.

That being said, there is still a great deal of work to be done to make single-cell technologies go-to tools in personalized medicine. Therefore, we invite you to submit your research to this Special Issue.

This Special Issue aims to give an overview of the applicability of single-cell omics in the medical setting: which methods can work in which technology and truly personalize the treatment decision process of physicians for a more beneficial patient outcome. We welcome original research articles, case reports, and reviews. Research areas may include (but are not limited to) clinical bioinformatics, digital pathology, computational biology, and translational medicine.



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Message from the Editor-in-Chief

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