



Precision Medicine of Breast Cancer in the Molecular Era

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Message from the Guest Editor

Breast cancer is a global issue regardless of the socio-economic status of society. Early detection and surgical intervention as well as timely appropriate treatment and lifelong management are important for patient survival. Breast cancer is composed of heterogeneous disease groups that could be classified into several subgroups that require different treatment approaches for each one: luminal, HER2, and triple-negative breast cancer (TNBC). Neoadjuvant chemotherapy is now broadly performed for breast cancer and the tumor microenvironment, as well as the tumor itself, plays a role in the progression of breast cancer. The introduction of immunotherapy in TNBC showed promising results and further prognostic factors should be investigated. The development of precision analytic tools enable the detection of high-risk patients and candidates for target therapy. Exploring diagnostic, prognostic, and predictive markers for breast cancer and the accumulation of the study results would create a valuable groundwork for future studies.

This Special Issue encourages researchers to cooperate and discuss the diagnosis and prognosis of breast cancer. In addition, any related topics will also be welcomed.





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