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Personalized Therapy of Hormone-Responsive Breast Cancer

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Message from the Guest Editors

Breast cancer is the leading malignancy worldwide with 2.26 million new cases diagnosed in 2020 and an increasing incidence. Approximately 70–80% of tumors are hormone-receptor positive and therefore are considered for endocrine therapy. Treatment modalities depend on patients' menopausal status, tumor stage, performance status, and tumor markers. More than 30% of patients in the adjuvant and even more in advanced stages suffer from disease progress due to intrinsic or acquired resistance against endocrine therapy. To overcome treatment failures, including drug discontinuation due to drug-induced toxicity, better prognostic markers—but also new treatment opportunities—are needed.

This Special Issue will focus on basic, translational, and clinical studies aiming to improve endocrine therapy by the identification of new and better predictors for personalized treatment decisions and therapeutic approaches, including the selection of multimodal targets, the use of bioinformatic prediction tools, and both mechanistic and clinical investigations to overcome endocrine drug failure in breast cancer.



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Special Issue



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Message from the Editor-in-Chief

Cancers is an international online journal addressing both clinical and basic science issues related to cancer research. The journal is publishing in Open Access format, which will certainly evolve to ensure that the journal takes full advantage of the rapidly changing world of information and knowledge dissemination. It publishes high-quality clinical, translational, and basic science research on cancer prevention, initiation, progression, and treatment, as well as other related topics, particularly to capture the most seminal studies in the rapidly growing area of immunology, immunotherapy, and tumor microenvironment.

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