



## New Insights into Breast Cancer Management: From Tumorigenesis to Personalized Treatments

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### Message from the Guest Editors

Breast cancer is a heterogeneous disease with multifactorial etiopathogenesis. Over the last few decades, a deeper understanding of the molecular mechanisms underlying breast cancer development and progression has led to the development of novel accurate prognostic analyses and new effective drugs, thus leading to an increase in the overall survival of breast cancer patients. Nevertheless, breast cancer remains the second leading cause of death in women globally. Thus, there is still a need for a better comprehension of the complexity of breast cancer and the interaction between the neoplasm and its microenvironment as well as the immune system in order to prevent disease development and to guide personalized treatments. Moreover, since individual response to therapy and long-term prognosis remain highly unpredictable, the current scenario requires the identification of biomarkers that accurately forecast the response to therapy and identify patients who will not benefit from standard regimens. On the other hand, since the number of breast cancer survivors is continuously increasing, knowing the complexity of breast cancer survivorship is essential for adequate patient management.





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