## **Special Issue**

## Molecular Research and Immune Landscape of Breast Cancer

## Message from the Guest Editor

Breast cancer (BC) is one of the most prevalent malignant neoplasias in women, presenting from low aggressive luminal subtypes to highly aggressive triple negative/basal-like subtypes. Different omics approaches along with single-cell analysis have allowed significant advances in the understanding of the immune landscape of breast cancer. In this context. changes in the tumor microenvironment have a strong impact on disease progression and metastatic dissemination. Also, the immune cell composition has been associated with response to therapy and the acquisition of chemo- and/or radiotherapy resistance. This Special Issue of the International Journal of Molecular Sciences, titled "Molecular Research and Immune Landscape of Breast Cancer", aims at providing an updated overview of recent advances in the molecular research of breast cancer research, with particular emphasis on the immune cell landscape and its impact on disease progression and response to therapy. The formats for submissions include original research articles, brief communications, and reviews.

#### **Guest Editor**

Dr. Robson Monteiro

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## Deadline for manuscript submissions

20 May 2026



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## Message from the Editor-in-Chief

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### **Editor-in-Chief**

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