

Special Issue

Cutting-Edge Advances in Breast Cancer

Message from the Guest Editor

Breast cancer remains a significant global health challenge, but recent advancements in research and treatment have dramatically improved outcomes for many patients. This Special Issue will explore cutting-edge innovations that are transforming breast cancer care, including the following:

- **Precision medicine:** Tailoring treatment based on individual tumour characteristics, such as genetic mutations and molecular subtypes, is revolutionizing breast cancer care.
- **Immunotherapy:** Harnessing the power of the immune system to fight cancer, including checkpoint inhibitors and immune cell therapies, offers promising new avenues for treatment.
- **Targeted therapies:** These drugs specifically target cancer cells and their supporting pathways, minimizing harm to healthy tissues.
- **Early detection and screening:** Advances in imaging technologies and screening techniques are improving early detection and enabling earlier, more effective treatment.
- **Personalized medicine:** Integrating patient preferences, lifestyle factors, and social determinants of health into treatment plans is crucial in improving overall patient outcomes.

Guest Editor

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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