

Special Issue on
**Diagnostic, Prognostic, and Predictive Biomarkers in
Breast Cancer**

CALL FOR PAPERS

Breast cancer is the most frequently diagnosed cancer type and the second-leading cause of cancer-related deaths among women worldwide. The causes of breast cancer are not yet fully known, although a number of risk factors have been identified. Tumor biomarker is a term used to describe potential markers of cancer development and progression. As we explore these biomarkers further, we must try to understand the underlying mechanisms of tumor development, as we move along the path to discovery of novel therapies that will increase our ability to offer personalized patient care in the future. With the migration of advanced high throughput technologies, such as Next Generation Sequencing from clinical practice, biomarker research and discovery are poised to explode once again. Translation of novel biomarkers into clinical practice and diagnostic laboratories is coupled with regulatory and administrative requirements that must be met, while collaboration between research institutions, industry, and the private sector drives further advancements in the field of breast cancer biomarker discovery and application.

The aim of this special issue is to provide new findings regarding molecular pathways and biomarkers that could improve the diagnosis and the prognostic classification of breast cancers, their application in the clinical setting, and their potential utility in personalized patient therapy.

Potential topics include but are not limited to the following:

- ▶ Next-generation sequencing of breast cancer
- ▶ Biomarkers in breast cancer prognosis
- ▶ Biomarkers in breast cancer diagnosis
- ▶ Pathogenesis of breast carcinoma
- ▶ Breast cancer epigenomics

Authors can submit their manuscripts through the Manuscript Tracking System at <https://mts.hindawi.com/submit/journals/jo/mbc/>.

Papers are published upon acceptance, regardless of the Special Issue publication date.

Lead Guest Editor

Chia-Jung Li, Show Chwan Memorial Hospital, Changhua, Taiwan
nigel6761@gmail.com

Guest Editors

Hui-Ming Chen, Houston Methodist Research Institute, Houston, USA
hchen3@houstonmethodist.org

Ji-Ching Lai, Show Chwan Memorial Hospital, Changhua, Taiwan
jichinglai@gmail.com

Submission Deadline

Friday, 28 June 2019

Publication Date

November 2019