

## Special Issue

# Sequence Variants in Breast/Ovarian Cancer Susceptibility Genes: From Risk Assessment to Clinical Management in Carrier Individuals and Their Blood Relatives

### Message from the Guest Editors

This Special Issue aims to advance our knowledge of both basic and clinically relevant aspects pertaining to the assessment and management of the cancer risk associated with sequence variants in breast/ovarian cancer susceptibility genes. We welcome original articles and reviews covering a broad spectrum of research topics, including the following:

- High- and moderate-risk gene variants and the clinical management of carrier individuals and their non-carrier blood relatives;
- Other cancer phenotypes associated with (likely) pathogenic variants in breast/ovarian cancer susceptibility genes;
- Uses of PRS for risk refinement (real-world studies on models integrating multiple risk factors are encouraged);
- Evidence supporting variant classification, e.g., segregation analyses, functional studies, or the characterization of splice-site variants (multifactorial analyses are especially welcome);
- Molecular mechanisms of response/resistance to platinum and PARP inhibitors;
- Preventive and therapeutic (surgical and medical) options for carrier individuals.

### Guest Editors

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### Deadline for manuscript submissions

31 December 2025



## Cancers

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*Cancers*

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## About the Journal

### 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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### Editor-in-Chief

Prof. Dr. Samuel C. Mok

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