

Special Issue

The Role of DNA Repair in the Treatment of Ovarian and Breast Cancer

Message from the Guest Editors

DNA repair plays an important role in the propagation of cancer cells. DNA repair capacity also influences cancer cells' ability to respond to treatment. While diminished DNA repair capacity can increase an individual's risk of developing cancer, patients who harbor tumors with a high mutation burden often demonstrate improved outcomes. Paradoxically, some tumors minimize the efficacy of genotoxic chemotherapy by upregulating DNA repair machinery. In this Special Issue, we examine the effects of DNA repair on both the initiation and treatment of ovarian and breast cancers.

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Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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