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Immune Inhibitory Mechanisms and New Insights into Ovarian Cancer Treatment

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Deadline for manuscript submissions:
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Message from the Guest Editors

The latest advances in the field of tumor immunology and immunotherapy emphasize that ovarian cancer cells can evade the host's immune response and stimulate tumor development by deactivation or death of crucial immune system effector cells, i.e., T cells and NK cells. One of the negative regulators of activated T cells are immune checkpoint inhibitors (ICPs), e.g., programmed cell-death receptor 1 (PD-1) and its ligands (PD-L1, PD-L2), T-cell immunoglobulin, and ITIM domain (TIGIT) and T-cell immunoglobulin-3 (TIM-3) and its ligand galectin 9 (Gal-9) axis. The co-expression status of ICPs on T cells in the OC TME is pivotal to understanding the complex immune-inhibitory mechanism. The synergistic model of action of these immune factors may be a promising target in ovarian cancer treatment.

This Special Issue of *Biomedicines* will present research articles and reviews exploring mechanisms of ovarian cancer escaping from immune surveillance, tissue invasion, and metastasis, and current as well as novel immune-modulating/inhibiting strategies in the treatment of OC. All scientists working in these fields are cordially invited to submit their manuscripts.

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Message from the Editor-in-Chief

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