

Special Issue

10th Anniversary of Biomedicines: The Development of Cancer Immunotherapy

Message from the Guest Editor

The clinical development of cancer immunotherapy has been progressing rapidly, and with the Nobel Prize in Physiology or Medicine in 2018, it is attracting more attention than ever before and is expected to develop further in the future. Immune checkpoint inhibitors were developed as drugs with a completely different mechanism to conventional chemotherapy for cancer patients, and their therapeutic effects were characterized not only by tumor shrinkage, but also by the long-term survival of cancer patients, which had a strong impact on cancer treatment. On the other hand, as a result of numerous clinical trials, it was found that the efficacy of immune checkpoint inhibitors alone is only approximately 10–20%. Another cancer immunotherapy, genetically modified T-cell therapy, has shown high efficacy against hematological cancers, but its effectiveness against solid tumors is yet to be proven. The aim of this Special Issue is to further develop cancer immunotherapy.

Guest Editor

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Message from the Editor-in-Chief

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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