

Special Issue

Targeting Wnt Signaling in the Tumor Microenvironment: Emerging Therapeutic Insights

Message from the Guest Editor

Given the crucial roles of Wnt signaling for cancer initiation, progression, and metastasis, numerous therapeutic trials have been made for cancer treatment. However, none of the Wnt-targeted therapies have been approved in the clinic, and we eagerly await the first translational success in the Wnt field. Recently, many studies have reported that Wnt signaling modulates the tumor microenvironment and immune circumstance in both primary and metastatic sites. Accumulating evidence suggests that Wnt-regulated tumor environments are essential for the function of self-renewing cancer cells and contribute to tumorigenesis. Indeed, targeting Wnt signaling in the tumor-propagating environment suppresses cancer progression in preclinical studies, both in Wnt-driving and non-Wnt-driving cancers. Thus, the emerging roles of Wnt signaling in the tumor microenvironment and its targeting may give us new opportunities for the translational application of Wnt signaling targeted therapy in the real world.

This Special Issue aims to highlight the basic and translational research on Wnt signaling in the tumor microenvironment, which recently received great amounts of attention.

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Deadline for manuscript submissions

closed (29 February 2024)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/164992

*International Journal of
Molecular Sciences*
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