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**Biomedicine : Cancer Research**

Donnadieu, Emmanuel (Ed.)

# Defects in T Cell Trafficking and Resistance to Cancer Immunotherapy

- Gives the latest research on specific defects in T cell trafficking, which hinder the success of cancer immunotherapy
- Provides the basic principles to T cell migration during efficient immune responses
- Explores therapeutic interventions to promote T cell migration into tumors

This volume focuses on recent advances in understanding T cells as key players in antitumor immune responses, and as a result T cell-based immunotherapy is starting to transform the treatment of advanced cancers. However, despite recent successes, many patients with cancer fail to respond to these treatments. Defective migration of T cells into and within tumors is considered as an important resistance mechanism to cancer immunotherapy. The volume includes three sections. The first section covers general knowledge about T cell trafficking during a normal immune response but also during tumor development. The second section provides an in-depth description of the different obstacles that prevent T cells from migrating and contacting tumor cells. The third section explores therapeutic strategies to improve trafficking of T cells into tumors and, thus, to enhance the effectiveness of cancer immunotherapy.

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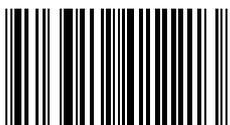
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