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Nota di contenuto	Introduction on Personalized Immune-Oncology -- Advancing Precision Medicine -- Quantum Medicine and the Immune System -- The Role of Post- Translational Modifications in Cancer -- The Hurdle of Precision Medicine in Cancer Immunotherapy Personalization Now or Then.- Beyond Histology and Stage The "Signatures" to Personalize Immunotherapy -- Personalized Cancer Vaccines Targeting Neoantigens -- Tissue Engineering and Regenerative Medicine in Cancer Therapy -- Nanomedicine Applications in Cancer Treatment -- Nanodelivery in Gene Therapy.
Sommario/riassunto	The rapid flow of studies in the field of cancer and immunology during the last decades has increased our understanding of the interactions between the immune system and cancerous cells. In particular, it has been well-known that such interactions result in the induction of epigenetic changes in cancerous cells and the selection of less immunogenic clones as well as alterations in immune responses.

Understanding the crosstalk between nascent transformed cells and cells of the immune system has led to the development of combinatorial immunotherapeutic strategies to combat cancer. The Handbook of Cancer and Immunology offers a comprehensive and up-to-date review of cancer immunology and immunotherapy, emphasizing key findings and clinically relevant data. This reference work is an essential resource for researchers, students, academics, and clinicians committed to advancing knowledge, diagnostics, and treatments in this vital field.
