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Nota di contenuto	Chapter 1: Cancer immunoediting - elimination, equilibrium and immune escape in solid tumors -- Chapter 2: Tumor – Stroma Interaction and Cancer. - Chapter 3: Tumor-infiltrating lymphocytes and their role in solid tumor progression -- Chapter 4: Tumor-associated macrophages – reasons to be cheerful, reasons to be fearful -- Chapter 5: Polymorphonuclear neutrophils and tumors: friend or foe? -- Chapter 6: Role of NK cells in tumor progression -- Chapter 7: The role of myeloid-derived suppressor cells in tumor growth and metastasis -- Chapter 8: Cancer stem cells – an ever hiding foe -- Chapter 9: Adoptive T-cell immunotherapy – Perfecting self-defenses -- Chapter 10: Monoclonal antibodies to CTLA-4 with focus on ipilimumab.

Sommario/riassunto

Now, in its second edition, this book summarizes the role of immune cells in tumor suppression and progression. It describes in detail why tumor cells can survive and spread in spite of the antitumor response of immune cells. Since immunotherapy is an attractive approach to cancer therapy, this book also provides information on the two main strategies: monoclonal antibodies and adaptive T cell immunotherapy, with a focus on recent human clinical trials. A newly added chapter also focuses on the role of Natural Killer cells in tumor progression. The book provides a state-of-the-art, comprehensive overview of immune cells in cancer and is an indispensable resource for researchers and practitioners working or lecturing in the field of cancer research and immunology.
