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   Sommario/riassunto This book is focused on the analysis of the role played by immune cell
                       components in the angiogenic process associated with inflammation
                       and tumor growth. Both innate and adaptive immune cells are involved
                       in the mechanisms of endothelial cell proliferation, migration and
                       activation, through the production and release of a large spectrum of
                       pro-angiogenic mediators. These may create the specific
                       microenvironment that favors an increased rate of tissue
                       vascularization. The link between chronic inflammation and
                       tumorigenesis was first proposed by Rudolf Virchow in 1863 after the
                       observation that infiltrating leukocytes are a hallmark of tumors and
                       first established a causative connection between the lymph reticular
                       infiltrate at sites of chronic inflammation and the development of
                       cancer. Tumors were described as wounds that never heal and
                       surgeons have long described the tendency of tumors to recur in
                       healing resection margin and it has been reported that wound healing
                       environment provides an opportunistic matrix for tumor growth. As
                       angiogenesis is the result of a net balance between the activities
                       exerted by positive and negative regulators, this book will also provide
                       information on some anti-angiogenic properties of immune cells that
                       may be utilized for a potential pharmacological use as anti-angiogenic
                       agents in inflammation as well as in cancer. The work is written for

researchers in the field and also for graduate students which approach this matter. .