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Nota di contenuto	Contents; Preface; Contributors; Chapter 1. Hematopoietic Origin of Fibrocytes Mehrdad Abedi; 1.1. Introduction; 1.2. Structure of Bone Marrow; 1.3. Marrow-Derived Fibroblasts; 1.4. Origin of Fibroblasts in Tissue; 1.5. Fibrocytes; 1.6. What is the Relation between Macrophages and Circulating Fibroblasts Precursors?; 1.7. Perspective; References; Chapter 2. Fibrocytes and Collagen-Producing Cells of the Peripheral Blood Richard H. Gomer and Darrell Pilling; 2.1. Introduction: Fibrocytes Precursors Originate in Bone Marrow, and Exist in Blood 2.2. The Chemokine CXCL12 Attracts Circulating Fibrocyte Precursors to Sites of Injury 2.3. Identification of Circulating CCPCs in the Blood; 2.4. Pulmonary Fibrosis Patients have Abnormally High Numbers of CCPCs; 2.5. Scleroderma Patients have Abnormally High Numbers of CCPCs; 2.6. Differences between CCPCs from Scleroderma Patients and Controls; 2.7. Patients with Chronic Asthma have Abnormally High Numbers of CCPCs; 2.8. CCPCs in Rheumatoid Arthritis Patients; 2.9. The Number of CCPCs Increases with Age; 2.10. The Number of CCPCs Increases in an Animal Injury Model 2.11. Summary and Future Directions Acknowledgements; References; Chapter 3. Regulatory Pathways of Fibrocyte Development Darrell Pilling

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Sommario/riassunto

This volume provides a comprehensive and multidisciplinary overview of fibrocytes, written by the main researchers in the field. It is aimed at a broad audience of scientists and clinicians with an interest in the role of circulating fibrocytes in the etiopathogenesis of different fibrosing disorders, atherosclerosis, autoimmunity, and cancer.

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