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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 and Richard H. Gomer; 3.1. Introduction; 3.2. Inhibition of Initial Fibrocyte Differentiation by Fc Receptor Ligation; 3.3. Inhibition of

Initial Fibrocyte Differentiation by Cytokines; 3.4. Profibrotic Cytokines Promote Fibrocyte Differentiation; 3.5. Regulation of Mature Fibrocyte Differentiation; References; Chapter 4. Fibrocyte Differentiation Pathways Ellen C. Keeley, Borna Mehrad and Robert M. Strieter; 4.1. Introduction
4.2. Fibrocyte Differentiation along Mesenchymal Lineages 4.2.1. Myofibroblasts; 4.2.2. Adipocytes; 4.2.3. Osteoblasts and Chondrocytes; 4.3. Fibrocytes can be Reprogrammed to Modify the Fibroproliferative Response; 4.4. Factors that Influence Differentiation of Fibrocytes from their Precursors; 4.5. Conclusion; References; Chapter 5. Immunoregulation of Fibrocyte Differentiation Matthias Mack, Marianne Niedermeier and Barbara Reich; 5.1. Detection and Origin of Fibrocytes; 5.2. Interaction of Monocytes with CD4+ T Cells Enables Differentiation of Fibrocytes
5.3. Cytokines and CD4+ T Cell Phenotypes Regulate Fibrocyte Differentiation 5.4. Influence of Serum on Fibrocyte Differentiation; 5.5. Proliferation of Fibrocytes?; 5.6. Migration of Fibrocytes; 5.7. How Fibrocytes Affect CD4+ T Cells; 5.8. Conclusion; References; Chapter 6. The Role of Fibrocytes in Wound Repair and Hypertrophic Scarring Abelardo Medina, Jie Ding, Moein Momtazi, and Edward E. Tredget; 6.1. Introduction; 6.2. Dysregulated Repair of the Extracellular Matrix of Hypertrophic Scars; 6.3. Dysregulated Apoptosis in Hypertrophic Scar 6.4. Increased Levels of the Profibrotic Growth Factors TGF- and CTGF in Hypertrophic Scarring

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.
