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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 Lineages4.2.1. 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  
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#### Sommario/riassunto

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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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