

Contents

| | | |
|----------|--|------------|
| 1 | An Overview of Extracellular Matrix Structure and Function | 1 |
| | Jürgen Engel and Matthias Chiquet | |
| 2 | Fibronectin and Other Adhesive Glycoproteins | 41 |
| | Jielin Xu and Deane Mosher | |
| 3 | Collagens, Suprastructures, and Collagen Fibril Assembly | 77 |
| | David E. Birk and Peter Brückner | |
| 4 | Basement Membranes | 117 |
| | Jeffrey H. Miner | |
| 5 | Hyaluronan and the Aggregating Proteoglycans | 147 |
| | Thomas N. Wight, Bryan P. Toole, and Vincent C. Hascall | |
| 6 | Small Leucine-Rich Proteoglycans | 197 |
| | Renato V. Iozzo, Silvia Goldoni, Agnes Berendsen, and Marian F. Young | |
| 7 | Microfibrils and Fibrillin | 233 |
| | Dirk Hubmacher and Dieter P. Reinhardt | |
| 8 | Elastin | 267 |
| | Beth A. Kozel, Robert P. Mecham, and Joel Rosenbloom | |
| 9 | Lysyl Oxidase and Lysyl Oxidase-Like Enzymes | 303 |
| | Herbert M. Kagan and Faina Ryvkin | |

10 The Fibulins 337
Marion A. Cooley and W. Scott Argraves

11 Matricellular Proteins 369
David D. Roberts and Lester F. Lau

Index 415



<http://www.springer.com/978-3-642-16554-2>

The Extracellular Matrix: an Overview

Mecham, R. (Ed.)

2011, XIV, 426 p., Hardcover

ISBN: 978-3-642-16554-2