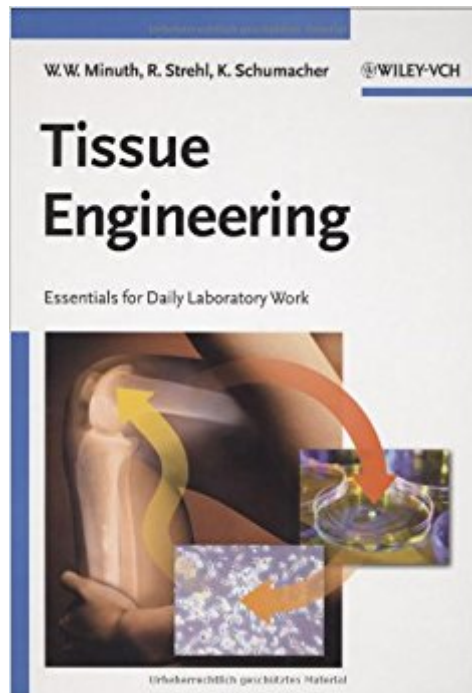




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Tissue Engineering: From Cell Biology To Artificial Organs



Synopsis

Comprehensive in its scope and illustrated in detail, this practical book provides a fundamental insight into the complex world of tissue development and artificial cell culture using tissue engineering. The introductory chapters cover basic cell biology and cellular development as well as cell culture, with a main emphasis on ways of differentiating tissue and the critical evaluation of the properties of maturing tissue constructs. The authors also focus on the use of stem cells from the most varied sources in tissue engineering. The whole is rounded off by an exceptionally wide-ranging glossary containing some 1,000 key words from the fields of cell biology, cell culture development and tissue engineering.

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