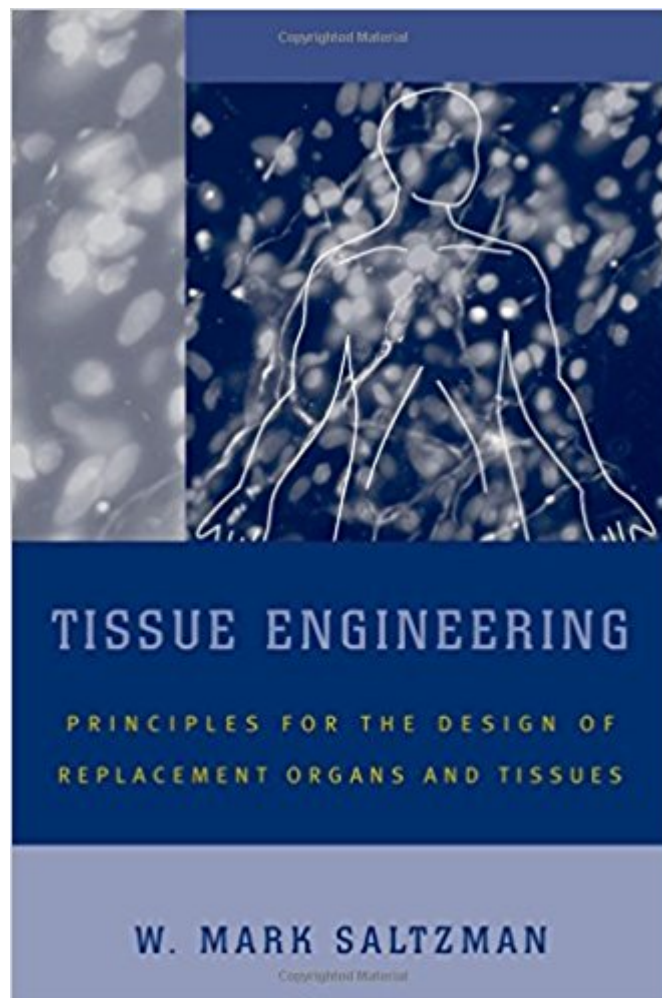




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Tissue Engineering: Engineering Principles For The Design Of Replacement Organs And Tissues



Synopsis

Tissue or organ transplantation are among the few options available for patients with excessive skin loss, heart or liver failure, and many common ailments, and the demand for replacement tissue greatly exceeds the supply, even before one considers the serious constraints of immunological tissue type matching to avoid immune rejection. Tissue engineering promises to help sidestep constraints on availability and overcome the scientific challenges, with huge medical benefits. This book lays out the principles of tissue engineering. It will be a useful reference work for those associated with this field and as a textbook for specialized courses in the subject. It is a companion volume to Saltzman's OUP book on drug delivery.

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W. Mark Saltzman is at Yale University.

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