



Chitin and Chitosan for Regenerative Medicine

By Pradip Kumar Dutta

Springer-Verlag GmbH Sep 2015, 2015. Buch. Condition: Neu. Neuware - The book is an excellent reference for scientists, researchers and students working in the field of areas of biopolymeric biomaterials, biomedical engineering, therapeutics, tissue engineering and regenerative medicine. The book is divided into two parts: Part I will focus on the tissue engineering and Part II focuses on therapeutics, functionalization and computer-aided techniques. The book consists of 13 chapters contributed by 20 international contributors who are leading experts in the field of biopolymers and its applications. It will focus on the advancements of chitin and chitosan in regenerative medicine. Regenerative medicine in tissue engineering is the process of replacing or regenerating human cells, tissues, or organs to restore or establish normal function. It is an incredibly progressive field of medicine that may, in the near future, help with the shortage of life-saving organs available through donation for transplantation vis-a-vis regenerative medicine focuses on therapeutics, functionalization and computer-aided techniques. It also covers physical and chemical aspects of chitin and chitosan, structural modifications for biomedical applications, chitosan based scaffolds and biomodelling in tissue engineering, nanomedicines and therapeutic applications. With the broad range of applications, the world is waiting for biopolymers to serve...



READ ONLINE
[3.2 MB]

Reviews

It is one of the best publications. It is definitely simplistic but exciting in the 50% in the ebook. I am very happy to let you know that this is basically the greatest publication I have ever gone through within my own existence and could be the greatest PDF for ever.

-- **Dr. Anya McKenzie**

A top quality publication as well as the font utilized was fascinating to read. It is among the most incredible PDF I actually have read through. I am easily could get a pleasure of looking at a created publication.

-- **Scot Howe**