



Biomedical Foams for Tissue Engineering Applications (Hardback)

By -

ELSEVIER SCIENCE TECHNOLOGY, United Kingdom, 2014. Hardback. Book Condition: New. New.. 236 x 154 mm. Language: English . Brand New Book. Biomedical foams are a new class of materials, which are increasingly being used for tissue engineering applications. Biomedical Foams for Tissue Engineering Applications provides a comprehensive review of this new class of materials, whose structure can be engineered to meet the requirements of nutrient trafficking and cell and tissue invasion, and to tune the degradation rate and mechanical stability on the specific tissue to be repaired. Part one explores the fundamentals, properties, and modification of biomedical foams, including the optimal design and manufacture of biomedical foam pore structure for tissue engineering applications, biodegradable biomedical foam scaffolds, tailoring the pore structure of foam scaffolds for nerve regeneration, and tailoring properties of polymeric biomedical foams. Chapters in part two focus on tissue engineering applications of biomedical foams, including the use of bioactive glass foams for tissue engineering applications, bioactive glass and glass-ceramic foam scaffolds for bone tissue restoration, composite biomedical foams for engineering bone tissue, injectable biomedical foams for bone regeneration, polylactic acid (PLA) biomedical foams for tissue engineering, porous hydrogel biomedical foam scaffolds for tissue repair, and titanium biomedical foams...



READ ONLINE
[8.22 MB]

Reviews

Merely no words and phrases to describe. I am quite late in start reading this one, but better then never. I found out this ebook from my i and dad encouraged this pdf to find out.

-- Hyman Auer

I actually started out looking over this publication. It can be writter in easy phrases and never difficult to understand. Your lifestyle span will probably be transform as soon as you comprehensive looking over this ebook.

-- Prof. Dayne Crist Sr.

Related PDFs



Meet **Trouble:** **Slipcase**

Penguin Putnam Inc, United States, 2013. Paperback. Book Condition: New. 230 x 154 mm. Language: English . Brand New Book. A brand-new series for brand-new readers!Introducing a new series for brand-new readers! Each slipcase includes two 16-page paperback books, both on an...



Mother Carey s **Chickens (Dodo Press)**

Dodo Press, United Kingdom, 2007. Paperback. Book Condition: New. 228 x 154 mm. Language: English . Brand New Book ***** Print on Demand *****.Kate Douglas Wiggin, nee Smith (1856-1923) was an American children s author and educator. She was born in Philadelphia,...



Design Collection Revealed: **Adobe InDesign CS6, Photoshop CS6 Illustrator CS6**

Cengage Learning, Inc, United States, 2012. Paperback. Book Condition: New. 236 x 190 mm. Language: English . Brand New Book. THE DESIGN COLLECTION REVEALED provides comprehensive step-by-step instruction and in-depth explanation for three of today s most widely used design and layout...



Adobe **Photoshop CS6 Revealed (Hardback)**

Cengage Learning, Inc, United States, 2012. Hardback. Book Condition: New. 236 x 193 mm. Language: English . Brand New Book. Adobe Photoshop has long provided cutting edge technology for sophisticated digital editing, and ADOBE PHOTOSHOP CS6 REVEALED provides a solid foundation for...



A Parent s **Guide to STEM**

U.S. News World Report, United States, 2015. Paperback. Book Condition: New. 214 x 149 mm. Language: English . Brand New Book ***** Print on Demand *****.This lively, colorful guidebook provides everything you need to know to help your child get inspired, succeed...



A Smarter Way to Learn **JavaScript: The New Approach That Uses Technology to Cut Your Effort in Half**

Createspace, United States, 2014. Paperback. Book Condition: New. 251 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****.The ultimate learn-by-doing approachWritten for beginners, useful for experienced developers who want to sharpen their skills and don t mind...