



A Laboratory Course in Tissue Engineering

By Melissa Kurtis Micou, Dawn Kilkenny

Taylor Francis Inc, United States, 2012. Paperback. Book Condition: New. 231 x 157 mm. Language: English . Brand New Book. Filling the need for a lab textbook in this rapidly growing field, A Laboratory Course in Tissue Engineering helps students develop hands-on experience. The book contains fifteen standalone experiments based on both classic tissue-engineering approaches and recent advances in the field. Experiments encompass a set of widely applicable techniques: cell culture, microscopy, histology, immunohistochemistry, mechanical testing, soft lithography, and common biochemical assays. In addition to teaching these specific techniques, the experiments emphasize engineering analysis, mathematical modeling, and statistical experimental design. A Solid Foundation in Tissue Engineering-and Communication Skills Each experiment includes background information, learning objectives, an overview, safety notes, a list of materials, recipes, methods, pre- and postlab questions, and references. Emphasizing the importance for engineering students to develop strong communication skills, each experiment also contains a data analysis and reporting section that supplies a framework for succinctly documenting key results. A separate chapter provides guidelines for reporting results in the form of a technical report, journal article, extended abstract, abstract, or technical poster. Customize Your Courses with More Than a Semester's Worth of Experiments The book is a...



[DOWNLOAD PDF](#)



[READ ONLINE](#)
[8.05 MB]

Reviews

The ideal ebook i actually study. It usually does not expense too much. You wont really feel monotony at any time of your own time (that's what catalogs are for relating to should you request me).

-- **Mrs. Jacklyn Simonis**

Thorough information! Its this sort of good read. It is actually writer in straightforward words rather than confusing. I am just delighted to let you know that this is basically the best book we have read within my personal existence and can be the greatest pdf for actually.

-- **Dr. Henri Crona II**

See Also



[**Games with Books : 28 of the Best Childrens Books and How to Use Them to Help Your Child Learn - From Preschool to Third Grade**](#)

Book Condition: Brand New. Book Condition: Brand New.



[**Games with Books : Twenty-Eight of the Best Childrens Books and How to Use Them to Help Your Child Learn - from Preschool to Third Grade**](#)

Book Condition: Brand New. Book Condition: Brand New.



[**Read Write Inc. Phonics: Grey Set 7 Storybook 10 Vulture Culture**](#)

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. Tim Archbold (illustrator). 149 x 148 mm. Language: N/A. Brand New Book. These engaging Storybooks provide structured practice for children learning to read the Read Write Inc. Set 1, 2 and 3...



[**Twelve Effective Ways to Help Your ADD/ADHD Child: Drug-Free Alternatives for.**](#)

Book Condition: New. Ships From Canada. New. No dust jacket as issued. Glued binding. 264 p. Contains: Illustrations. Audience: General/trade. Book Info Consumer text of recommendations backed by scientific studies. Discusses diet, allergens, vitamins and minerals, and more. Softcover. About the Author...



[**Everything Ser The Everything Green Baby Book From Pregnancy to Babys First Year An Easy and Affordable Guide to Help Moms Care for Their Baby And for the Earth by Jenn Savedge 2009 Paperback**](#)

Book Condition: Brand New. Book Condition: Brand New.



[**Daddyteller: How to Be a Hero to Your Kids and Teach Them What s Really by Telling Them One Simple Story at a Time**](#)

Createspace, United States, 2013. Paperback. Book Condition: New. 214 x 149 mm. Language: English . Brand New Book ***** Print on Demand *****.You have the power, Dad, to influence and educate your child. You can teach your child about a virtue or...