

1. Record Nr.	UNINA9910298629103321
Autore	Sultana Naznin
Titolo	Composite Synthetic Scaffolds for Tissue Engineering and Regenerative Medicine / / by Naznin Sultana, Mohd Izzat Hassan, Mim Mim Lim
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-09755-5
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (69 p.)
Collana	SpringerBriefs in Materials, , 2192-1091
Disciplina	571538 610.28 612.028 620.11
Soggetti	Biomaterials Biomedical engineering Regenerative medicine Tissue engineering Biomedical Engineering and Bioengineering Regenerative Medicine/Tissue Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Scaffolding Biomaterials -- Scaffold Fabrication Protocols -- Fabrication of Polymer and Composite Scaffolds using Electrospinning Techniques -- Fabrication of Polymer and Composite scaffolds using Thermally Induced Phase Separation Technique.
Sommario/riassunto	This book addresses important biomaterials which are commonly used to fabricate scaffolds and it describes two major protocols employed in scaffold fabrication. Tissue engineering or regenerative medicine aims at restoring ex-novo tissues and organs whose functionality has been compromised as a consequence of diseases or traumatic events. The innovative concept underlying tissue engineering is the use of autologous cells, obtained from a biopsy of the patient. Cells are seeded on a porous scaffold which has the role of supporting and guiding cells towards the development of tissue-like structures as well as providing a platform for the delivery under controlled condition of

growth factor release, etc. The successful manufacture of scaffolds for tissue engineering applications is crucial. In this book, these biomaterials are discussed. The book also covers illustrated examples, structure and properties of scaffolds, cellular interactions and drug delivery.

2. Record Nr.	UNISANNIOPAL0203342
Autore	Hawking, Stephen
Titolo	L'universo in un guscio di noce / Stephen Hawking ; traduzione di Paolo Siena
Pubbl/distr/stampa	Milano, : Oscar Mondadori, 2006
Titolo uniforme	The universe in a nutshell
ISBN	8804551895 9788804551898
Descrizione fisica	217 p., 1 ritr. : ill. ; 23 cm.
Collana	Oscar saggi ; 795
Disciplina	530.1 530.12
Soggetti	Universo - Teorie
Collocazione	BCA LETT. 38
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia