

1. Record Nr.	UNINA9910482992303321
Autore	Josi RCA
Titolo	Collagen biografts for tunable drug delivery // Rucha Joshi
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2021] ©2021
ISBN	3-030-63817-0
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (XII, 107 p. 41 illus., 30 illus. in color.)
Collana	SpringerBriefs in Applied Sciences and Technology
Disciplina	610.284
Soggetti	Collagen - Therapeutic use Biomedical materials - Therapeutic use
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Creating Tunable Collagen Matrices - An Approach Inspired by In-Vivo Collagen Synthesis and Self-Assembly -- Application of Collagen Fibril Biografts for Enhancing Local Vascularization in an In-Vivo Chick Chorioallantoic Membrane (CAM) Model -- Appendix A: Type I Collagen Based Drug Delivery Formats -- Appendix B: State-of-the-Art Methods of Tuning Collagen Based Molecular Release.
Sommario/riassunto	This book reviews collagen-based biomaterials that have been applied broadly to tissue engineering and local drug delivery applications and lays out a landscape for developing a multifunctional biograft material from collagen polymers. The book also discusses current shortcomings in collagen based drug delivery opportunities, including poor mechanical properties, rapid proteolytic degradation, and cursory control over physical properties and molecular release profiles. Finally, a review of application of the collagen biograft materials for promoting neovascularization and tissue regeneration is presented, using examples of established in-vivo chicken egg chorioallantoic membrane (CAM) model. Use of heparin for affinity-based vascular endothelial growth factor (VEGF) retention in collagen constructs is also discussed for promoting neovascularization. Reviews state-of-the-art strategies for drug incorporation and retention in collagen ; Covers collagen based material applications for improving vascularization and tissue

regeneration; Illustrates how to tailor collagen architecture for soft tissue engineering and controlled drug delivery.

2. Record Nr.	UNINA990001066980403321
Autore	Comitato di studio dei problemi dell'Università italiana
Titolo	Studi sull'università italiana / Comitato di studio dei problemi dell'università italiana
Pubbl/distr/stampa	Bologna, : il Mulino, 1960-1964
Descrizione fisica	5 v. ; 21 cm
Collana	Problemi della società italiana ; 12-14-15-16
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Nota di contenuto

1.: La popolazione universitaria 2.: Le facoltà umanistiche 3.: Le facoltà scientifiche 4.: Finanziamento e spese dell'università 5.: Una politica per l'università : atti del convegno di Bologna del 2-4 aprile 1960

3. Record Nr.	UNINA9910711504503321
Titolo	Assessing the effectiveness of the Transitional Program for Covered Business Method Patents : hearing before the Subcommittee on Courts, Intellectual Property, and the Internet of the Committee on the Judiciary, House of Representatives, One Hundred Fifteenth Congress, second session, March 20, 2018
Pubbl/distr/stampa	Washington : , : U.S. Government Publishing Office, , 2018
Descrizione fisica	1 online resource (iii, 18 pages)
Soggetti	Business method patents - United States Patent infringement - United States - Prevention Patent laws and legislation - United States Business method patents Evaluation Patent laws and legislation Online resources. Legislative hearings. United States
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
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