Record Nr. UNINA9910580211303321 Autore Boccaccio Antonio Titolo Design of Materials for Bone Tissue Scaffolds Pubbl/distr/stampa Basel, : MDPI - Multidisciplinary Digital Publishing Institute, 2022 Descrizione fisica 1 online resource (236 p.) Soggetti Medicine and Nursing Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Sommario/riassunto The book proposes extensive and varied design strategies for bone tissue engineering. The design process of materials for bone tissue scaffolds presently represents an issue of crucial importance and is being studied by many researchers throughout the world. A number of studies have been conducted, aimed at identifying the optimal material, geometry, and surface that the scaffold must possess to stimulate the

formation of the largest amounts of bone in the shortest time possible.