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Autore	Mariani, Isidoro Franco
Titolo	Che cos'è e come si calcola il costo del lavoro / Isidoro Franco Mariani
Pubbl/distr/stampa	Milano : ETAS Kompass, 1967
Descrizione fisica	79 p. ; 17 cm.
Collana	Mondo industriale moderno ; 9
Disciplina	658.54
Soggetti	Analisi del lavoro
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNINA9910298395603321
Titolo	3D Printing of Pharmaceuticals / / edited by Abdul W. Basit, Simon Gaisford
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
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Descrizione fisica	1 online resource (246 pages)
Collana	AAPS Advances in the Pharmaceutical Sciences Series, , 2210-7371 ; ; 31
Disciplina	338.476151
Soggetti	Pharmaceutical technology Biomedical engineering Pharmaceutical Sciences/Technology Biomedical Engineering/Biotechnology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Nota di contenuto	Paradigm of personalised medicines -- Pharmaceutical ink-jet printing

-- Fused-deposition modelling (FDM) 3D printing -- Stereolithographic (SLA) 3D printing -- Selective laser sintering (SLS) 3D printing -- Flexographic 3D printing -- Semi-solid extrusion 3D printing -- Ink-jet printing for personalised dosing -- Printing crystal forms -- Printing of nanoparticle/polymer conjugates -- 3D Printing organ vasculature -- 3D printed ears -- Visualisation of 3D printed compartmental DDSs -- 3D printed medicines - A regulatory perspective -- Spritam – a case study -- 4D printing -- 3DP – costs and manufacturing issues -- Other non-pharmaceutical 3DP areas.

Sommario/riassunto

3D printing is forecast to revolutionise the pharmaceutical sector, changing the face of medicine development, manufacture and use. Potential applications range from pre-clinical drug development and dosage form design through to the fabrication of functionalised implants and regenerative medicine. Within clinical pharmacy practice, printing technologies may finally lead to the concept of personalised medicines becoming a reality. This volume aims to be the definitive resource for anyone thinking of developing or using 3D printing technologies in the pharmaceutical sector, with a strong focus on the translation of printing technologies to a clinical setting. This text brings together leading experts to provide extensive information on an array of 3D printing techniques, reviewing the current printing technologies in the pharmaceutical manufacturing supply chain, in particular, highlighting the state-of-the-art applications in medicine and discussing modern drug product manufacture from a regulatory perspective. This book is a highly valuable resource for a range of demographics, including academic researchers and the pharmaceutical industry, providing a comprehensive inventory detailing the current and future applications of 3D printing in pharmaceuticals. Professor Abdul Basit is a Professor of Pharmaceutics at the UCL School of Pharmacy, University College London. Abdul's research sits at the interface between pharmaceutical science and gastroenterology, forging links between basic science and clinical outcomes. His research has been translated into the design of new technologies and improved disease treatments, many of which have been commercialised. Abdul is also a serial entrepreneur and has filed multiple patents, is the recipient of several research awards and has founded 3 companies (Kuecept, Intract Pharma, FabRx). He further serves as a consultant to many pharmaceutical organisations and is on the advisory boards of scientific journals, healthcare and charitable bodies. Professor Simon Gaisford holds a Chair in Pharmaceutics and is Head of the Department of Pharmaceutics at the UCL School of Pharmacy, University College London. He has published 110 papers, 8 book chapters, 4 authored books and is the recipient of multiple research awards. His research is focused on novel technologies for manufacturing medicines, particularly using ink-jet printing and 3D printing, translating his expertise by co-founding FabRx. Simon is also an expert in the physicochemical characterisation of compounds and formulations with thermal methods and calorimetry.
