Record Nr. UNINA9910458552803321 Challenges in the management of new technologies [[electronic Titolo resource] /] / edited by Marianne Horlesberger, Mohamed El-Nawawi, Tarek Khalil New Jersey, : World Scientific, c2007 Pubbl/distr/stampa **ISBN** 1-281-91152-6 9786611911522 981-277-031-3 Descrizione fisica 1 online resource (627 p.) Collana Management of technology;; v. 1 Altri autori (Persone) HorlesbergerMarianne EI-NawawiMohamed KhalilTarek M 658.5/14 Disciplina Soggetti Technological innovations - Management Technological innovations - Economic aspects Electronic books. Lingua di pubblicazione Inglese Formato Materiale a stampa Livello bibliografico Monografia "This book comprises selected papers from the 14th International Note generali Conference on Management of Technology ... on 22-26 May 2005 in Vienna, Austria"--P. [4] of cover. Includes bibliographical references and index. Nota di bibliografia Nota di contenuto Contents; Preface; SECTION I: MANAGING NEW TECHNOLOGIES; Chapter 1 An Exploratory Analysis of TSS Firms: Insights from the Italian Nanotech Industry Vittorio Chiesa, Alfredo De Massis, and Federico Frattini; 1. Introduction; 2. Research Objectives and Methodology; 3. A Framework for Nanotechnology Firms Classification; 4. Emerging Business Models among Nanotech TSS Companies; 4.1. The empirical results; 5. Conclusions; References Chapter 2 Knowledge Creation Dynamics and Financial Governance: Crisis of Growth in Biotech Firms Anne-Laure Saives, Mehran Ebrahimi, Robert H. Desmarteau, and Catherine Garnier1. Introduction; 2. Theoretical Framework and Research Questions; 2.1. Biopharmaceutical knowledge and innovation creation; 2.2. Development cycle of biotechnology firms; 3. Methodology; 4. Discussion; 4.1. The different "modes of development" of high-tech companies; 5. What is the

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Sommario/riassunto

New developments in bio- and nanotechnologies and also in information and communication technologies have shaped the research environment in the last decade. Increasingly, highly educated experts in R&D departments are collaborating with scientists and researchers at universities and research institutes to develop new technologies. Transnational companies that have acquired various firms in different countries need to manage diverse R&D strategies and cultures. The new knowledge-based economy permeates across companies, universities, research institutes and countries, creating a cross-discipl