Record Nr. UNINA9910789273603321 Autore Hoffman William R. Titolo The biologist's imagination: innovation in the biosciences / / William Hoffman & Leo Furcht Pubbl/distr/stampa New York:,: Oxford University Press,, 2014 ©2014 **ISBN** 0-19-936132-0 0-19-936131-2 Descrizione fisica 1 online resource (305 p.) SCI086000 Classificazione Disciplina 610.28 Soggetti Medical innovations Biology - Technological innovations Life sciences - Technological innovations Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Includes bibliographical references and index. Nota di bibliografia Nota di contenuto Cover: The Biologist's Imagination: Copyright: Contents: Acknowledgments: The Biologist's Imagination: 1 } Ideas, Progress. Wealth, and the Biological Revolution; 2 } Drugs, Biomolecules, Brainpower, and the Shifting Currents of Innovation; 3 } Regional Bioinnovation: Reaping the Harvest of the Local and the Global; 4 } Mendel's Journey from Peas to Petabytes; 5 } Toning Up Universities for Regional Growth; 6 } Splicing and Dicing: Property, Information, and the DNA of Innovation; 7 } Looking Ahead as an Industry Evolves; Conclusion: Seeding the Future; Selected Bibliography; Index Scholars and policymakers alike agree that innovation in the Sommario/riassunto biosciences is key to future growth. The field continues to shift and expand, and it is certainly changing the way people live their lives in a variety of ways. With a large share of federal research dollars devoted to the biosciences, the field is just beginning to live up to its billing as a source of innovation, economic productivity and growth. Vast untapped potential to imagine and innovate exists in the biosciences given new tools now widely available. In The Biologist's Imagination,

William Hoffman and Leo Furcht examine the h