Record Nr. UNINA9910882997003321 Autore Bourne Henry R Titolo Paths to Innovation: Discovering Recombinant DNA, Oncogenes, and Prions, in One Medical School, Over One Decade / / Henry R. Bourne Pubbl/distr/stampa San Francisco: .: University of California Medical Humanities Consortium, , 2011 ©2011 **ISBN** 0-9834639-2-1 Descrizione fisica 1 online resource (322 pages): illustrations, portraits Perspectives in medical humanities Collana Disciplina 576.5 Soggetti Genetics - Research Medecine - Histoire - 20e siecle Biomedical Research - history History, 20th Century Schools, Medical - history Genetics - Research - California - History History California San Francisco Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Includes bibliographical references and index. Nota di bibliografia Nota di contenuto Nowhere to go but up!: UCSF consolidates 1958-1964 -- Deciding a future: The wild man's victory -- New brooms: And a new template for research -- Bizarre little binary point : An unlikely revolutionist -- The DNA revolution is born: As a new department prospers -- A transforming harvest: the revolution's first fruits -- Lone wolf and literacy maven: Parellel tracks converge -- A rare partnership: Fishing out the first cancer gene -- Barbarian at the gate : Naming the citadel -- Marching into the citadel: In golden armor -- Something in the water: Can we bottle it? -- Hatching innovation: Incubate, don't squeeze. "In less than a decade, scientists at the University of California San Sommario/riassunto

Francisco (UCSF) learned how to clone DNA, founded the company that created the field of biotechnology, identified the first cancer genes, and

made the heretical discovery that a protein by itself can transmit an infectious disease. The discoveries of Herbert Boyer, Michael Bishop, Harold Varmus, and Stanley Prusiner show that real innovators require freedom and time to tackle hard problems in their own way"--Page 4 of cover.