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Titolo	Max Delbrück and Cologne [[electronic resource]] : an early chapter of German molecular biology // Simone Wenkel, Ute Deichmann [editors]
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Altri autori (Persone)	DeichmannUte <1951-> WenkelSimone
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Nota di contenuto	pt. I. Introduction. 1. A brief review of the early history of genetics / Ute Deichmann -- pt. II. First initiatives, concept, founding and crisis . 2. Founding and crisis / Simone Wenkel. 3. Die erste Zeit / Carsten Bresch. 4. The new start / Peter Starlinger. 5. Building molecular biology in post-war Europe: between the atomic age and the American challenge / Bruno J. Strasser. 6. Beitrag zur Gedenfeier Fur Max Delbrück / Joseph Straub. 7. Niels Bohr's last lecture : an introduction / Gunther S. Stent. 8. Light and life revisited / Niels Bohr -- pt. III. The beginnings. 9. Working with Max Delbrück / Charles N. David. 10. Recollections / Hans G. Zachau. 11. How chemistry met genetics / Horst Feldmann. 12. Eindrücke eines doktoranden / Fritz Melchers. 13. The Institute's impact on neighbouring disciplines / George Michaelis. 14. Life with bacteriophages / Thomas A. Trautner -- pt. IV. Views from outside. 15. View from (Cologne) physics / Bernhard Muhlschlegel. 16. In the smog of genetics : biochemistry in Cologne, my version of history / Lothar Jaenicke. 17. History and fate of a similar concept: the Biology Division of the Southwest Center for Advanced Studies in Dallas / Hans Bremer. 18. TMV in Tübingen and its escapade with genetics / Karl-Wolfgang Mundry -- pt. V. Research and

scientific collaboration. 19. Molecular virology and medical genetics at the Institute of Genetics in Cologne, 1972-2002 / Walter Doerfler. 20. T4 hets and five floors to hang around / Rainer Hertel. 21. The long way from glucose effects in bacteria to (systems-) biology / Joseph W. Lengeler. 22. Attempts to transfer to lab structure and scientific habits from Harvard to Cologne / Benno Muller-Hill. 23. Joining the Institute of Genetics early on as an immunologist / Klaus Rajewsky. 24. Early years of transposon research in Cologne / Heinz Saedler -- pt. VI. Molecular biology and the German University structure. 25. Panel discussion / Hermann Bujard, Walter Doerfler, Klaus Rajewsky -- pt. VII. Establishment and teaching of molecular biology in Germany. 26. Panel Discussion / Charles N. David ... [et al.] -- pt. VIII. Final remarks. 27. Science and society / Peter Starlinger.

Sommario/riassunto

The history of molecular biology in Germany is closely linked to the Institute of Genetics in Cologne, the first molecular biological Institute at a German university. Founded in 1959 by the emigre physicist and future Nobel laureate Max Delbrück, the Institute was the first in Germany to implement less hierarchical American organizational structures and research habits. The Institute had already gained an excellent international scientific reputation by the beginning of the 1960s. This volume comprises the recollections of scientists pertaining to the Institute's research, organization and oth

2. Record Nr.	UNINA9910782936603321
Autore	Ye Weili
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Descrizione fisica	1 online resource (356 p.)
Disciplina	378.1/9829951073
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Nota di bibliografia	Includes bibliographical references (p. 289-312) and index.
Nota di contenuto	Front matter -- Contents -- Acknowledgments -- A Note on Romanization -- Introduction -- CHAPTER ONE Student Associational Life and Chinese Nationalism -- CHAPTER TWO The Professionals: Predicaments and Promises -- CHAPTER THREE The Question of Race -- CHAPTER FOUR The Women's Story, 1880s-1920s -- CHAPTER FIVE Between Morality and Romance -- CHAPTER SIX The Serious Business of Recreation -- Epilogue -- Notes -- Bibliography -- Character List -- Index
Sommario/riassunto	The students who came to the United States in the early twentieth century to become modern Chinese by studying at American universities played pivotal roles in Chinese intellectual, economic, and diplomatic life upon their return to China. These former students exemplified key aspects of Chinese "modernity," introducing new social customs, new kinds of interpersonal relationships, new ways of associating in groups, and a new way of life in general. Although there have been books about a few especially well-known persons among them, this is the first book in either English or Chinese to study the group as a whole. The collapse of the traditional examination system and the need to earn a living outside the bureaucracy meant that although this was not the first generation of Chinese to break with

traditional ways of thinking, these students were the first generation of Chinese to live differently. Based on student publications, memoirs, and other writings found in this country and in China, the author describes their multifaceted experience of life in a foreign, modern environment, involving student associations, professional activities, racial discrimination, new forms of recreation and cultural expression, and, in the case of women students, the unique challenges they faced as females in two changing societies.
