

1. Record Nr.	UNINA9910451785903321
Autore	Holmes Frederic Lawrence
Titolo	Meselson, Stahl, and the replication of DNA [[electronic resource]] : a history of "the most beautiful experiment in biology" // Frederic Lawrence Holmes
Pubbl/distr/stampa	New Haven, CT, : Yale University Press, 2001
ISBN	1-281-73045-9 9786611730451 0-300-12966-1
Descrizione fisica	1 online resource (1 online resource (xii, 503 p.)) : ill
Disciplina	572.8/6
Soggetti	DNA replication - Experiments - History Molecular biology - Experiments - History Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references (p. [449]-496) and index.
Nota di contenuto	Machine generated contents note: Chapter One The Replication Problem 11 -- Chapter Two Meselson and Stahl 49 -- Chapter Three Twists and Turns 75 -- Chapter Four Crossing Fields: Chemical Bonds to Biological Mutants 116 -- Chapter Five Dense Solutions 157 -- Chapter Six The Big Machine 183 -- Chapter Seven Working at High Speed 215 -- Chapter Eight The Unseen Band 272 -- Chapter Nine One Discovery, Three Stories 303 -- Chapter Ten An Extremely Beautiful Experiment 319 -- Chapter Eleven Centrifugal Forces 352 -- Chapter Twelve The Subunits of Semiconservative Replication 388 -- Chapter Thirteen Images of an Experiment 412 -- Chapter Fourteen Afterword 435.
Sommario/riassunto	In 1957 two young scientists, Matthew Meselson and Frank Stahl, produced a landmark experiment confirming that DNA replicates as predicted by the double helix structure Watson and Crick had recently proposed. It also gained immediate renown as a "most beautiful" experiment whose beauty was tied to its simplicity. Yet the investigative path that led to the experiment was anything but simple, Frederic L. Holmes shows in this masterful account of Meselson and Stahl's quest. This book vividly reconstructs the complex route that led

to the Meselson-Stahl experiment and provides an inside view of day-to-day scientific research--its unpredictability, excitement, intellectual challenge, and serendipitous windfalls, as well as its frustrations, unexpected diversions away from original plans, and chronic uncertainty. Holmes uses research logs, experimental films, correspondence, and interviews with the participants to record the history of Meselson and Stahl's research, from their first thinking about the problem through the publication of their dramatic results. Holmes also reviews the scientific community's reception of the experiment, the experiment's influence on later investigations, and the reasons for its reputation as an exceptionally beautiful experiment.

2. Record Nr.	UNINA9910778027303321
Autore	Ross Andrew <1956->
Titolo	Nice work if you can get it [[electronic resource]] : life and labor in precarious times // Andrew Ross
Pubbl/distr/stampa	New York, : New York University Press, c2009
ISBN	0-8147-7739-2 0-8147-7635-3 1-4416-1568-7
Descrizione fisica	1 online resource (273 p.)
Collana	NYU series in social and cultural analysis
Disciplina	331.6/2
Soggetti	Employment in foreign countries Foreign workers Globalization
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. 219-243) and index.
Nota di contenuto	Frontmatter -- Contents -- Acknowledgments -- Introduction -- 1 The Mercurial Career of Creative Industries Policymaking in the United Kingdom, the European Union, and the United States -- 2 China's Next Cultural Revolution? -- 3 The Olympic Goose That Lays the Golden Egg -- 4 Teamsters, Turtles, and Tainted Toys -- 5 Learning from San Ysidro -- 6 The Copyfight over Intellectual Property -- 7 The Rise of

Sommario/riassunto

2009 Choice Outstanding Academic Title! job insecurity the new norm? With fewer and fewer people working in steady, long-term positions for one employer, has the dream of a secure job with full benefits and a decent salary become just that—a dream? In *Nice Work If You Can Get It*, Andrew Ross surveys the new topography of the global workplace and finds an emerging pattern of labor instability and uneven development on a massive scale. Combining detailed case studies with lucid analysis and graphic prose, he looks at what the new landscape of contingent employment means for workers across national, class, and racial lines—from the emerging “creative class” of high-wage professionals to the multitudes of temporary, migrant, or low-wage workers. Developing the idea of “precarious livelihoods” to describe this new world of work and life, Ross explores what it means in developed nations—comparing the creative industry policies of the United States, United Kingdom, and European Union, as well as developing countries—by examining the quickfire transformation of China’s labor market. He also responds to the challenge of sustainability, assessing the promise of “green jobs” through restorative alliances between labor advocates and environmentalists. Ross argues that regardless of one’s views on labor rights, globalization, and quality of life, this new precarious and “indefinite life,&” and the pitfalls and opportunities that accompany it is likely here to stay and must be addressed in a systematic way. A more equitable kind of knowledge society emerges in these pages—less skewed toward exploitation and the speculative beneficiaries of intellectual property, and more in tune with ideals and practices that are fair, just, and renewable.
