Record Nr. UNINA9910962013903321 Autore West Darrell M. <1954-> Titolo Biotechnology Policy across National Boundaries: The Science-Industrial Complex / / by D. West New York:,: Palgrave Macmillan US:,: Imprint: Palgrave Macmillan,, Pubbl/distr/stampa 2007 **ISBN** 9786611366117 9781281366115 1281366110 9780230605688 0230605680 Edizione [1st ed. 2007.] 1 online resource (207 p.) Descrizione fisica Disciplina 660.6 Soggetti International relations International organization Biotechnology Economic development International Relations International Organization Economic Development, Innovation and Growth 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. [167]-185) and index. Nota di contenuto The globalization of innovation -- Science-industry collaboration -- In vitro fertilization and assisted reproductive technology -- Genetically modified food -- Cloning -- Stem cell research -- Chimeras --Pharmaceutical companies, biotechnology, and health care -- Whose ethical standards? Sommario/riassunto A globalization of innovation has produced the most massive spurt in biotechnology in world history. Businesses, universities, and nongovernmental organizations are collaborating to produce a "scienceindustrial complex" in biotechnology. Using case studies of stem cell

research, cloning, genetically modified food, in-vitro fertilization, and chimeras in a number of Eastern and Western countries around the

world, I argue that much of this biotech activity is global in nature and independent of state control. This shift in the relative influence of state and non-state actors has led to the virtual deregulation of biotechnology and the liberation of innovation from geo-political constraints. These trends post a number of interesting social, political, and ethical issues for the contemporary period and suggest the need to rethink how controversial moral issues are handled by the science-industrial complex.