

1. Record Nr.	UNINA9910739453303321
Titolo	Engineering the Human : Human Enhancement Between Fiction and Fascination // edited by Bert Jaap Koops, Christoph H. Lüthy, Annemiek Nelis, Carla Sieburgh, J.P.M. Jansen, Monika S. Schmid
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2013
ISBN	1-299-33677-9 3-642-35096-8
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (198 p.)
Disciplina	620.8
Soggetti	Evolutionary biology Human genetics Biology—Philosophy Social sciences Biological psychology Evolutionary Biology Human Genetics Philosophy of Biology Social Sciences, general Biological Psychology
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 and index.
Nota di contenuto	Towards Homo Manufactus? An Introduction to this Volume -- Historical and Philosophical Reflections on Natural, Enhanced and Artificial Men and Women -- Changing the Body Through the Centuries -- Human Enhancement in Future Explorations -- Genetic Enhancement of Human Beings: Reality or Fiction? Gulliver's Next Travels: A Journey into the Land of Biomaterials and Synthetic Life -- Human Robots and Robotic Humans -- Human Enhancement, Evolution and Lifespan: Evolving Towards Immortality? Opting for Prevention: Human Enhancement and Genetic Testing -- A Unique Copy: The Life and Identity of Clones in Literary Fiction -- Parents' Responsibility for Their Choices Regarding the Enhancement of Their Child -- Concerning

'Humans' and 'Human' Rights. Human Enhancement from the Perspective of Fundamental Rights -- Conclusion: The Debate About Human Enhancement.

Sommario/riassunto

In this book, the topic of human enhancement is discussed from a variety of perspectives – genetic, medical, philosophical, literary, sociological, and legal. It addresses not only those aspects that most immediately come to mind when one thinks of 'human enhancement,' such as genetic engineering, cloning, artificial implants and artificial intelligence, but also less obvious aspects including evolutionary perspectives in connection with the prolongation of the human lifespan, plastic surgery since its beginnings, and questions such as whether the distinction between 'natural' and 'artificial' can really be drawn at all and how it has been conceived across the ages, or what the legal implications of recent developments and techniques are. Many chapters draw parallels to the representation of these developments in popular culture, from Jules Verne through Aldous Huxley to the movie Gattaca, addressing the hopes and fears that they reflect along with the question of how realistic they are. While all chapters were written by scientists at the top of their respective fields, all are accessible to a non-specialist audience and eminently readable. They represent a state-of-the-art overview of questions that are of interest to a broad audience. The book thus targets a non-specialist audience with an interest in philosophical, sociological, scientific and legal issues involved in both traditional and recent matters concerning the desire of mankind to improve itself. It is unique in that it brings together all these aspects within a coherent and cohesive work.
