## Contents

1  **Towards Homo Manufactus? An Introduction to this Volume** ... 1  
   Christoph H. Lüthy and Bert-Jaap Koops

2  **Historical and Philosophical Reflections on Natural, Enhanced and Artificial Men and Women** ... 11  
   Christoph H. Lüthy

3  **Changing the Body Through the Centuries** ... 29  
   Theo Mulder

4  **Human Enhancement in Futures Explorations** ... 45  
   Lucas Cornips and Marjolein van Asselt

5  **Genetic Enhancement of Human Beings: Reality or Fiction?** ... 63  
   Annemiek Nels and Danielle Posthuma

6  **Gulliver’s Next Travels: A Journey into the Land of Biomaterials and Synthetic Life** ... 71  
   Annemiek Nels and Hub Zwart

7  **Human Robots and Robotic Humans** ... 83  
   Catholijn M. Jonker and Annemiek Nels

8  **Human Enhancement, Evolution and Lifespan: Evolving Towards Immortality?** ... 101  
   Simon Verhulst

9  **Opting for Prevention: Human Enhancement and Genetic Testing** ... 113  
   Annemiek Nels, Symone Detmar and Elske van den Akker
10 A Unique Copy: The Life and Identity of Clones in Literary Fiction .............................................. 129 Bert-Jaap Koops

11 Parents’ Responsibility for Their Choices Regarding the Enhancement of Their Child ............................ 151 Carla Sieburgh

12 Concerning ‘Humans’ and ‘Human’ Rights. Human Enhancement from the Perspective of Fundamental Rights ........................ 165 Bert-Jaap Koops

13 Conclusion: The Debate About Human Enhancement ............. 183 Bert-Jaap Koops

Index ............................................................ 193
Engineering the Human
Human Enhancement Between Fiction and Fascination
Koops, B.J.; Lüthy, C.H.; Nelis, A.; Sieburgh, C.; Jansen, J.P.M.; Schmid, M.S. (Eds.)
2013, VI, 199 p. 9 illus., 4 illus. in color., Hardcover
ISBN: 978-3-642-35095-5