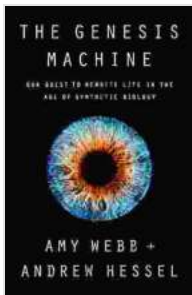


Our Quest to Rewrite Life in the Age of Synthetic Biology

Synthetic biology is a rapidly developing field that has the potential to revolutionize the way we live. By combining the principles of engineering with the power of biology, synthetic biologists are creating new technologies that have the potential to solve some of the world's most pressing challenges, such as climate change, disease, and food security.



The Genesis Machine: Our Quest to Rewrite Life in the Age of Synthetic Biology by Amy Webb

★★★★☆ 4.5 out of 5

Language : English
File size : 2259 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
X-Ray : Enabled
Word Wise : Enabled
Print length : 369 pages



In *Our Quest to Rewrite Life in the Age of Synthetic Biology*, leading scientists in the field provide a comprehensive overview of the latest advances in this exciting new technology. The book covers a wide range of topics, including gene editing, metabolic engineering, and the development of artificial cells. The authors also explore the ethical and social implications of synthetic biology, and they offer a vision for the future of this transformative field.

Our Quest to Rewrite Life in the Age of Synthetic Biology is a must-read for anyone who wants to understand the potential and challenges of this groundbreaking technology. The book is written in a clear and engaging style, and it is packed with fascinating insights from leading scientists in the field. Whether you are a scientist, a student, or a general reader, you will find this book to be an invaluable resource.

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Author Biographies

Dr. George Church is a pioneer in the field of synthetic biology. He is a professor of genetics at Harvard Medical School and the director of the Wyss Institute for Biologically Inspired Engineering. Dr. Church is a member of the National Academy of Sciences and the American Academy of Arts and Sciences. He has been named one of the world's most influential scientists by Thomson Reuters.

Dr. Jennifer Doudna is a biochemist and molecular biologist. She is a professor of chemistry and molecular and cell biology at the University of

California, Berkeley. Dr. Doudna is a co-inventor of the CRISPR-Cas9 gene editing system. She is a member of the National Academy of Sciences and the American Academy of Arts and Sciences. She has been named one of the world's most influential scientists by Thomson Reuters.

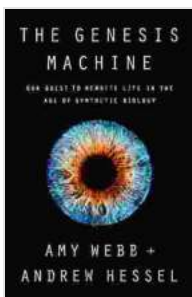
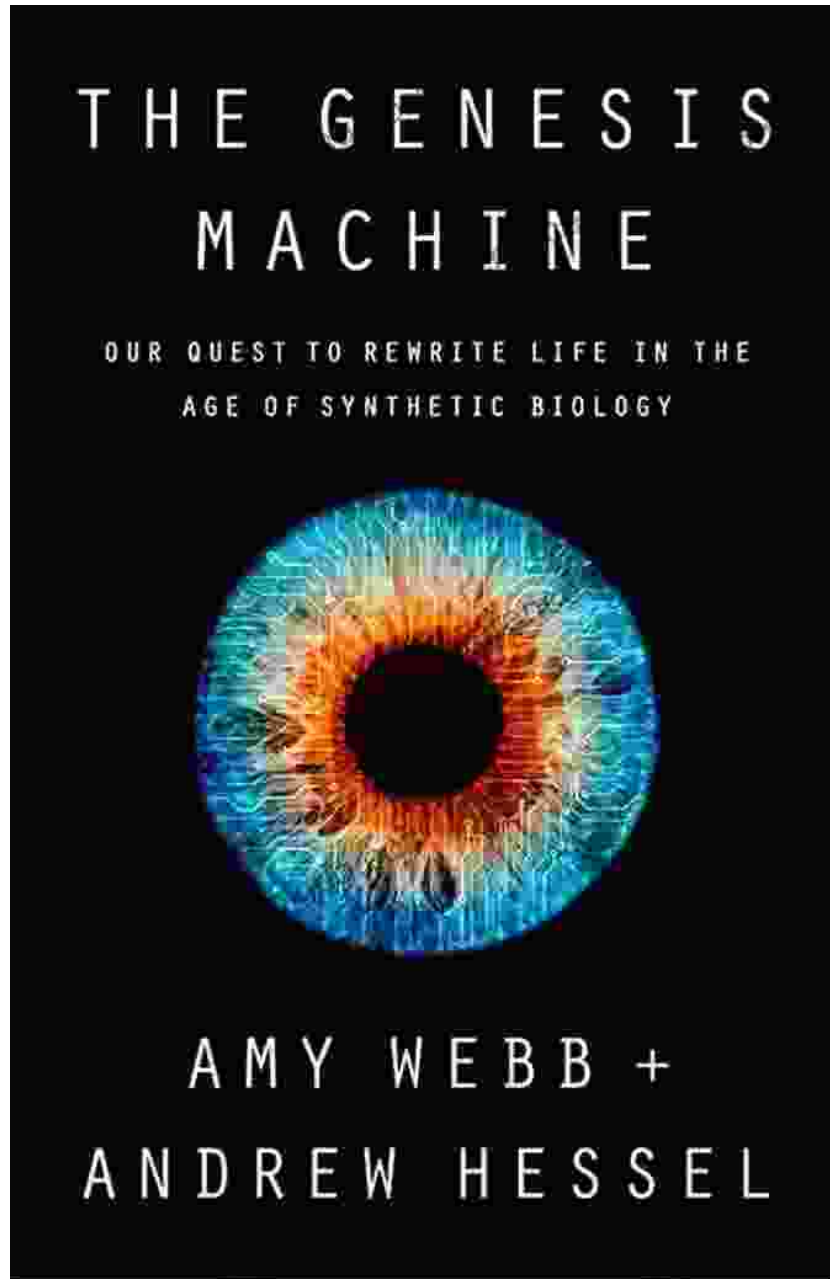
Endorsements

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"This book provides a comprehensive overview of the latest advances in synthetic biology. The authors do a great job of explaining the science behind this exciting new technology, and they also explore the ethical and social implications of its use." — **Dr. Janelia Lyczak, professor of chemical and biomolecular engineering at the University of California, Berkeley**

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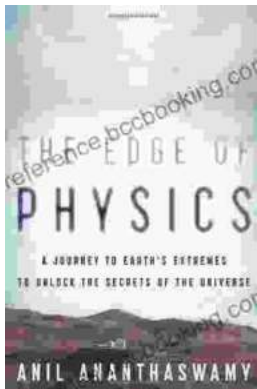
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