

AN *ECONOMIST* BEST BOOK OF THE YEAR

Technology is a process and a body of knowledge as much as a collection of artifacts. Biology is no different—and we are just beginning to comprehend the challenges inherent in the next stage of biology as a human technology. It is this critical moment, with its wide-ranging implications, that Robert Carlson considers in *Biology Is Technology*. He offers a uniquely informed perspective on the endeavors that contribute to current progress in this area.

"In this new book, bioengineer Robert H. Carlson forecasts the rise of the cell and the subsequent emergence of biological techniques for making fuels, synthetic DNA that builds new organisms, and reverse-engineered viruses for making vaccines. Biologists, Carlson says, are the new engineers, and the future is in remodeling life as we know it."

—*Wired*

"[Carlson] presents an informative view of the future prospects for biotechnology and its regulation."

—Michael A. Goldman, *Nature*

"Since Rob Carlson is the authoritative tracker of progress in biotech, this book is the most complete—and exciting—chronicle of the technological revolution that promises to dominate this century."

—Stewart Brand, author of *Whole Earth Discipline*

ROBERT H. CARLSON is a Principal at Biodesic LLC.

HARVARD UNIVERSITY PRESS

Cambridge, Massachusetts • London, England

www.hup.harvard.edu

Cover art: John Martin/Getty Images

Cover design: Jill Breitbarth

ISBN 978-0-674-06015-9



9 780674 060159