

CRISPR PEOPLE

THE SCIENCE AND ETHICS OF EDITING HUMANS

Henry T. Greely

The MIT Press
Cambridge, Massachusetts
London, England

Contents

Introduction ix

Part I: Background 1

- 1 Just What Did He Jiankui Do? 3**
- 2 Human Germline Genome Editing—What Is It? 23**
- 3 CRISPR—What Is It, Why Is It Important, and Who Will Benefit from It? 33**
- 4 Ethics Discussions of CRISPR'd Babies before He 49**
- 5 The Law of CRISPR'd Babies before He 75**

Part II: The Revelation and Its Aftermath 89

- 6 The He Experiment Revealed 91**
- 7 The World Reacts—And So Does China 109**
- 8 Who Knew What When? Revelations of Pre-Summit Knowledge 121**

Part III: Assessing and Responding to the He Experiment	145
9 Assessing the He Experiment	147
10 Responses	173
 Part IV: Human Germline Genome Editing Generally—Now What?	201
11 Is Human Germline Genome Editing Inherently Bad?	203
12 Could Human Germline Genome Editing Sometimes Be Bad?	217
13 Just How Useful Is Human Germline Genome Editing?	225
14 How to Test Human Germline Genome Editing	247
15 The Big Decisions—And How to Make Them	269
 Conclusion	293
Acknowledgments	295
Notes	299
Index	371