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Nota di contenuto	""Front Matter""; ""Preface""; ""Acknowledgments""; ""Contents""; ""Tables and Boxes""; ""Executive Summary""; ""1 Introduction""; ""2 Applications of Biotechnology Techniques""; ""3 Animals Engineered for Human Health Purposes""; ""4 Food Safety Concerns""; ""5 Environmental Concerns""; ""6 Animal Health and Welfare""; ""7 Concerns Related to Scientific Uncertainty, Policy Context, Institutional Capacity, and Social Implications""; ""References""; ""Glossary""; ""Appendix A""; ""Appendix B""; ""About the Authors""; ""Board on Agriculture and Natural Resources Publications""; ""Index""
Sommario/riassunto	Identifies science-based and policy-related concerns about animal biotechnology that must be resolved before breakthroughs in genetic-based animal biotechnology can reach their potential. After a short history of the field and definitions of terms, the book describes what is known and what is feared about emerging technologies and questions related to the inadvertent release of dangerous microorganisms, the safety of products derived from biotechnology, and the impact of genetically engineered animals on their environment. There is also discussion of animal welfare concerns and society's capacity to regulate and manage technology.

