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Autore	Cooper D. K. C (David K. C.), <1939->
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Nota di contenuto	Contents; An appreciation; Foreword; Preface: The next great medical revolution?; Acknowledgments; 1 The End of the Night Shift: Organ transplantation today and tomorrow; 2 Animal Attraction: Supply and demand in the world of organ transplantation; 3 From Icarus to the First Heart Transplant: Man's early attempts to bridge the species gap; 4 All Animals Are Equal, but Some Are More Equal than Others: The choice of donor; 5 Zero Tolerance: The rejection of animal organs; 6 A Spoonful of Sugar: Preventing rejection; 7 The "Humanized" Pig: Manipulating the genes of the donor 8 The Immunological Holy Grail: Tolerance9 From Diabetes to Alzheimer's: Cells that will make a difference; 10 The Discordant Concert: Will the transplanted organ work?; 11 The Hottest Zone: The fear of an AIDS-like epidemic; 12 Guinea Pigs: The selection of the first patients; 13 Animal Rights and Human Wrongs: Ethical concerns; 14 Protecting the Public: Government regulations and safeguards; 15 Judgment Day: Potential legal problems; 16 The Ultimate Piggy Bank: Animal transplants and health care economics; 17 A Vision with a Task; Appendix; Glossary of selected biomedical terms

Sommario/riassunto

The plight of a patient waiting months, sometimes years, for an organ transplant is one of the most heart-wrenching predicaments confronting medicine today. But the current critical shortage of human donor organs has had one positive consequence: it has stimulated promising new research into the field of xenotransplantation--the transplantation of organs from one animal species to another. In *Xeno: The Promise of Transplanting Animal Organs Into Humans*, David Cooper and Robert Lanza explore what may become one of the greatest medical advances of the 21st century. As scientists genetically engi