Record Nr. UNINA9910815524003321 Autore Cooper D. K. C (David K. C.), <1939-> Titolo Xeno: the promise of transplanting animal organs into humans // David K.C. Cooper, Robert P. Lanza Oxford: New York,: Oxford University Press, 2000 Pubbl/distr/stampa **ISBN** 0-19-770930-3 0-19-028450-1 1-280-91448-3 9786610914487 0-19-535182-7 Edizione [1st ed.] Descrizione fisica 1 online resource (xxi, 274 pages): illustrations Collana Oxford scholarship online. Altri autori (Persone) LanzaR. P <1956-> (Robert Paul) Disciplina 617.9/5 Soggetti Transplantation of organs, tissues, etc - Moral and ethical aspects Xenografts - Moral and ethical aspects Transplantation immunology Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Previously issued in print: 2000. Includes bibliographical references (p. 261-263) and index. Nota di bibliografia 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

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: Tolerance; 9 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;

Sommario/riassunto

Appendix; Glossary of selected biomedical terms; Bibliography; Index

The majority of patients in need of organ transplants do not survive long enough for a suitable human organ to become available. This book examines the clinical and ethical issues surrounding the use of humanised animal organs.