Contents

History: Using DNA to Understand the Past

- 1. Abraham Lincoln: Did He Have Marfan Syndrome?
- Kings and Queens: Genetic Disease in Royal Families
 Toulouse Lautrec: An Artist Despite His Genes
 Old Bones: DNA and Skeletons

Justice: The DNA Revolution in the Courts

- 5. DNA Detectives: The New DNA Evidence
- 6. Cold Hits: The Rise of DNA Felon Databanks
- 7. Violence: Do Mutations Cause Crime?8. Wrongful Birth: What Should the Doctor Know?

Behavior: Do Genes Make Us the Way We Are?

- 9. Mental Illness: How Much Is Genetic?
- 10. Personality: Were We Born That Way?
- 11. Talent: Nature or Nurture?12. Gay Genes: What's the Evidence?

Plants and Animals: Genetic Engineering and Nature

- 13. Genetically Modified Organisms: The Next Green Revolution?
- 14. Transgenic Animals: New Food and New Factories
- 15. Endangered Animals: New Genes to Beat Extinction
- 16. Xenotransplantation: Animal Organs into Humans

Diseases: The Genetic Revolution in Medicine

- 17. Cystic Fibrosis: Should Everyone Be Tested?
- 18. Breast Cancer: The Burden of Knowing
- 19. Alzheimer Disease: Are You at High Risk?
- 20. Gene Therapy: The Dreams and the Reality

Dilemmas: Genetic Technologies and Individual Choice

- 21. Privacy: Who Should be Able to Know Your Genes?
- 22. Frozen Embryos: People or Property?
- 23. Cloning: Why is Everyone Opposed?
- 24. Eugenics: Is it Possible to Improve the Gene Pool?