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Nota di contenuto	List of illustrations --Foreword / Adrian R. Morrison --Introduction / Regina Botting --I. Treatment of infectious diseases --1. Smallpox and After: An Early History of the Treatment and Prevention of Infections --2. Rabies --3. Lockjaw: Prevalent but Preventable --4. Pertussis Vaccine, Unfairly Maligned --At What Cost? --5. Vaccination: The Present and Future --6. The Conquest of Polio and the Contribution of Animal Experiments --7. Diphtheria: Understanding, Treatment and Prevention --II. Development of Life-saving Procedures --8. Development of Dialysis to Treat Loss of Kidney Function --9. The Contribution of Animal Experiments to Kidney Transplantation --10. Cardiopulmonary Bypass: Making Surgery on the Heart Possible --11. Artificial Heart Valves: From Caged Ball to Bioprostheses --12. Animals and Blood Transfusion --III. Drugs for Organic Diseases --13. Animal Experiments and the Production of Insulin --14. Animals and Humans:

Remarkably Similar --15. Early Animal Experiments in Anaesthesia
--16. The Control of Malignant Hypertension --17. Penicillin and
Laboratory Animals: The Animal Rights Myth --18. The History of
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Experiments and Cancer Research --Index.

Sommario/riassunto

"Animals and Medicine: The Contribution of Animal Experiments to the Control of Disease offers a detailed, scholarly historical review of the critical role animal experiments have played in advancing medical knowledge. Laboratory animals have been essential to this progress, and the knowledge gained has saved countless lives--both human and animal. Unfortunately, those opposed to using animals in research have often employed doctored evidence to suggest that the practice has impeded medical progress. This volume presents the articles Jack Botting wrote for the Research Defence Society News from 1991 to 1996, papers which provided scientists with the information needed to rebut such claims. Collected, they can now reach a wider readership interested in understanding the part of animal experiments in the history of medicine--from the discovery of key vaccines to the advancement of research on a range of diseases, among them hypertension, kidney failure and cancer."--Publisher's website.