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Nota di contenuto	Front Cover -- Animal Biotechnology -- Copyright Page -- Dedication -- Contents -- List of Contributors -- Preface -- Acknowledgments -- I. Human diseases: in vivo and in vitro models -- 1 Drosophila: a model for biotechnologist -- Summary -- What you can expect to know -- Introduction -- Classical aspects of Drosophila melanogaster -- Physical appearance -- Life cycle -- Drosophila development -- Embryogenesis in Drosophila -- Pattern formation in Drosophila -- Homeotic genes in Drosophila -- Drosophila genome -- History -- Historical perspective of Drosophila contributions to biotechnology -- Principle -- Methodology -- Culturing of Drosophila -- Preparation of Drosophila food medium -- Materials required -- Handling of flies -- Fly disposal -- Egg collection -- Dechorination of eggs -- Preparation of DNA for injection -- Protocols -- Protocol for germ-line transformation in Drosophila -- Materials required -- Procedure --

Ethical issues -- Translational significance -- Clinical significance --
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Sommario/riassunto

Animal Biotechnology: Models in Discovery and Translation, Second Edition, provides a helpful guide to anyone seeking a thorough review of animal biotechnology and its application to human disease and welfare.
