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Soggetti	Reproductive Techniques Genetic Techniques Animal Population Groups Organisms, Genetically Modified Investigative Techniques Organism Forms Animals Analytical, Diagnostic and Therapeutic Techniques and Equipment Eukaryota Organisms Cloning, Organism Animals, Genetically Modified Genetic Engineering Biology Health & Biological Sciences Genetics
Lingua di pubblicazione	Inglese
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Nota di contenuto	From the gene to the transgenic animal -- Techniques for cloning and transgenesis -- Applications of cloning and transgenesis -- Limits and risks of cloning, gene therapy and transgenesis.

Animal Transgenesis and Cloning is a concise, balanced introduction to this dynamic subject, covering key issues and current techniques currently used in animal transgenesis and cloning. Whilst providing the reader with the essentials of the subject, from the molecular basis of gene structure and function to therapeutic gene cloning in humans, social and ethical implications of this important area of research are also considered. Written in a clear, accessible style, the book starts with an introduction to key molecular biology techniques and in particular, considers techniques used specifically for cloning animals and generating transgenic animals. Later chapters examine the diverse theoretical, technical and ethical issues raised by cloning and transgenesis in both animals and humans.

Animal Transgenesis and Cloning:*

- Is an accessible, concise introduction to this dynamic field*
- Discusses biological, technical and ethical issues related to cloning and transgenesis*
- Provides an up-to-date account of the latest research methods and applications.

Reviews

'This is a proposal for a book translation in a field that is clearly of importance and very topical. The idea of the book, from gene to transgenic animal, to its uses and abuses is sound and logical It is probable that I would suggest (using) a book similar to the one proposed' Dr Janet Smith, University of Birmingham.

'Chapter one was a tour de force! Very concise and admirably clear I was particularly impressed with the author's 2-page summary of eukaryotic gene regulation, which is no mean achievement!' Dr David de Pomerai, University of Nottingham.

'..... I felt that this is a well written, topical book. It covers a lot of ground in my opinion the author manages to provide a satisfying amount of detail and a well focussed treatment of each topic. I like the logic of the book, the fact that it pulls together all of the issues into one readable and manageable text' Dr Brendan Curran, Queen Mary, University of London.
