

Animal Cell Culture

Essential Methods

Editor

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Animal Cell Culture: Essential Methods is an up-to-date guide to all the core concepts and techniques central to the performance of cell culture in the modern laboratory. Every chapter provides selected tried-and-tested protocols for immediate use at the bench along with a plethora of good practical advice, whilst also giving the essential background and theory, and discussing the merits and limitations of the various approaches. It represents the most accessible introduction available to the culture and manipulation *in vitro* of animal cells.

The book is an essential laboratory manual for anyone in academia or industry who is about to embark on cell culture work, yet it will be no less useful to the experienced worker as an easy reference guide to established approaches and techniques.

- Accessible and up-to-date guide to a broad range of methods in animal cell culture.
- Explains clearly and precisely how to carry out selected techniques in addition to giving background information on the various approaches.
- Chapters are written by leading international authorities in the field and cover both well-known and new, tried and tested, methods for working in animal cell culture.
- An essential laboratory manual for students, researchers, and industrial scientists.
- Covers cryopreservation, the design and use of serum- and protein-free media and systems for culture scale-up.



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