

**Animal Cell Culture: A Practical Approach Third Edition** 

**Author: John Masters** 

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This new edition of Animal Cell Culture covers new or updated chapters on cell authentication, serum-free culture, apoptosis assays, FISH, genetic modification, scale-up, stem cell assays, 3-dimensional culture, tissue engineering and cytotoxicity assays. Detailed protocols for a wide variety of methods provide the core of each chapter, making new methodology easily accessible. Everyone working in biological and medical research, whether in academia or a commercial organization, practicing cell culture will benefit greatly from this book.

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Cell line preservation and characterization

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Cytotoxicity and viability assays

Fluorescence in situ hybridization (FISH)

Genetic modification

Epithelial stem cell identification, isolation and culture

**Apoptosis assays** 

**About The Author** 

**John Masters** was born on October 26, 1914 in Calcutta, India. He was a writer, known for Bhowani Junction (1956), The Deceivers (1988) and ABC Close-Up! (1960). He died in 1983 in Santa Fe, New Mexico, USA.