## **TABLE OF CONTENTS – Animal Cell Culture : Essential Methods**

Contributors.
Preface.
Abbreviations.
Protocols.
1 The Cell Culture Laboratory (Sue Clarke and Janette Dillon).
2 Sterilization (Peter L. Roberts).
3 Microscopy of Living Cells (Colin Gray and Daniel Zicha).
4 Basic Techniques and Media, the Maintenance of Cell Lines, and Safety ( <i>John M. Davis</i> ).
5 Development and Optimization of Serum- and Protein-free Culture Media (Stephen F. Gorfien and David W. Jayme).
6 Cryopreservation and Banking of Cell Lines (Glyn N. Stacey, Ross Hawkins and Roland A. Fleck).
7 Primary Culture of Specific Cell Types and the Establishment of Cell Lines (Kee Woei Ng, Mohan Chothirakottu Abraham, David Tai Wei Leong, Chris Morris and Jan-Thorsten Schantz).
8 Cloning (John Clarke, Alison Porter and John M. Davis).
9 The Quality Control of Animal Cell Lines and the Prevention, Detection and Cure of Contamination ( <i>Peter Thraves and Cathy Rowe</i> ).
10 Systems for Cell Culture Scale-up (Jennifer Halsall and John M. Davis).
11 Good Laboratory Practice in the Cell Culture Laboratory (Barbara Orton).
Index.
Colour plates.