Guide to Electroporation and Electrofusion

Donald C. Chang
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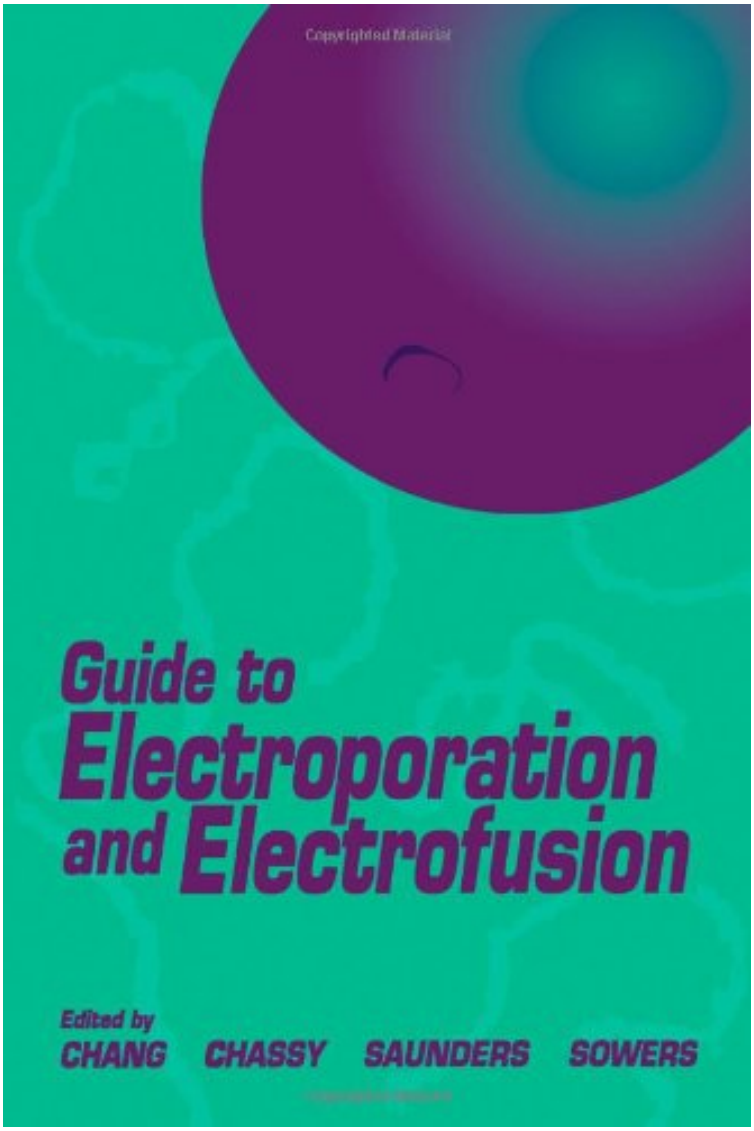

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Donald C. Chang : Guide to Electroporation and Electrofusion before purchasing it in order to gage whether or not it would be worth my time, and all praised Guide to Electroporation and Electrofusion:

0 of 0 people found the following review helpful. Great reference materialBy N. MccorkleI love showing the freeze-fracture photos to people when rambling about electroporation and genetic engineering! Lots of great info in the book overall, lots of theory and experimental results.

This guide aims to present, in one source, up-to-date, easy-to-follow protocols necessary for efficient electroporation

and electrofusion of bacteria, yeast and plant and animal cells, as well as background information to help users optimize their results.

"The protocols are well presented... Excellent instructions for optimizing the procedures on different cell types... Anyone who wants to use electroporation or electrofusion in anything but a routine fashion will find this book very useful." --ANALYTICAL BIOCHEMISTRYFrom the Back CoverElectroporation is an efficient method to introduce macromolecules such as DNA into a wide variety of cells. Electrofusion results in the fusion of cells and can be used to produce genetic hybrids or hybridoma cells.Guide to Electroporation and Electrofusion is designed to serve the needs of students, experienced researchers, and newcomers to the field. It is a comprehensive manual that presents, in one source, up-to-date, easy-to-follow protocols necessary for efficient electroporation and electrofusion of bacteria, yeast, and plant and animal cells, as well as background information to help users optimize their results through comprehension of the principles behind these techniques.Key Features* Covers fundamentals of electroporation and electrofusion in detail*Gives extensive, practical information on* The latest applications* Controlling parameters to maximize efficiency* Available instrumentationProvides straightforward, detailed, easy-to-follow protocols for* Formation of human hybridomas* Introduction of genetic material into plant cells and pollen* Transfection of mammalian cells* Transformation of bacteria, plants, and yeast* Production of altered embryos* Optimization of electroporation by using reporter genes* Approximately 125 illustrations complement the text* Provides complete references with article titles* Written by leading authorities in electroporation and electrofusion