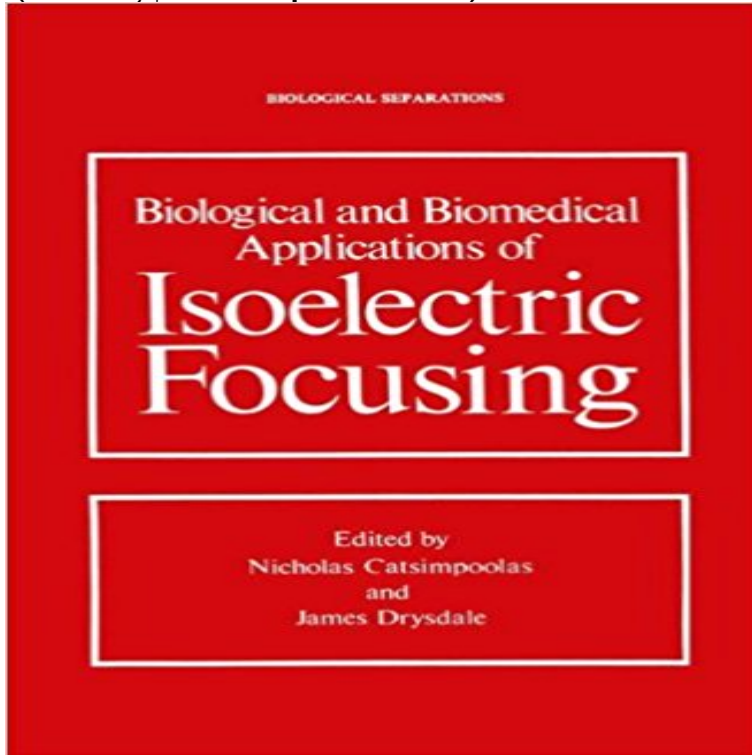


# Biological and Biomedical Applications of Isoelectric Focusing (Biological Separations)



It has now been over a decade since isoelectric focusing became established as a valuable addition to our arsenal of physical methods for separation of proteins and other amphoteric substances. The high resolving power of the technique and its unique ability to separate as well as concentrate have been amply demonstrated in several international symposia. The past few years have led to the wide acceptance of standardized methodologies for analytical and preparative purposes. These procedures afford rapid, reproducible separations that have led to a dramatic increase in our understanding of many areas of biological and biomedical research. Consequently, we considered it desirable to review some of the important applications of the isoelectric focusing technique. To accomplish this, we have solicited the participation of noted authorities to highlight major progress in their fields of expertise. Thus, the material in this book will emphasize recent advances in knowledge rather than methodological aspects, except when special procedures are reviewed.

Nicholas Catsimpoolas James W. Drysdale vii  
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