

While there are a few plant cell biology books that are currently available, these are expensive, methods-oriented monographs.

The present volume is a textbook for "upper" undergraduate and beginning graduate students.

This textbook stresses concepts and is inquiry-oriented. To this end, there is extensive use of original research literature. As we live in an era of literature explosion, one must be selective. These judgements will naturally vary with each investigator. Input was sought from colleagues in deciding the literature to include.

In addition to provision of select research literature, this volume presents citations and summaries of certain laboratory methods. In this connection, the textbook stresses quantitative data to enhance the student's analytical abilities. Thus, the volume contains computer-spread sheets and references to statistical packages, e.g. Harvard Graphics and Statistica.

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