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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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Biochemistry and Molecular Biology of Plants Bob B. Buchanan,Wilhelm Gruissem,Russell L. Jones,2015-08-31 With over 1000 original drawings and 500 photographs this work offers complete coverage of cell biology plant physiology and molecular biology *The Molecular Biology of Plant Cells* H. Smith,Harry Smith,1977-01-01 Plant cell structure and function Gene expression and its regulation in plant cells The manipulation of plant cells

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