

Preface to Paperback Edition

After this text was first published, I found it desirable to add Chapter XI describing the use of radioactive tracers. These techniques, which are of particular interest to cell physiologists and hematologists, may be studied immediately following Chapter V.

In some circumstances, the addition of this new chapter will make it difficult to cover the contents of the entire book in a one-semester course. One possible solution is to divide the class according to particular interests. Those students primarily interested in organ physiology should study Chapters IX and X, while those interested in cell physiology should study Chapter XI. Alternatively, as is the case at the University of Rochester, the material on numerical solutions found in Chapters VI and X is covered in another graduate-level course, and the material in Chapter XI is substituted in its place.

Two new appendices, containing additional problems and their solutions, have also been added to this edition.

I would like to acknowledge gratefully the assistance of Mrs. Christine Elsbeck in the preparation, editing, and assembly of Chapter XI and Appendices V and VI.