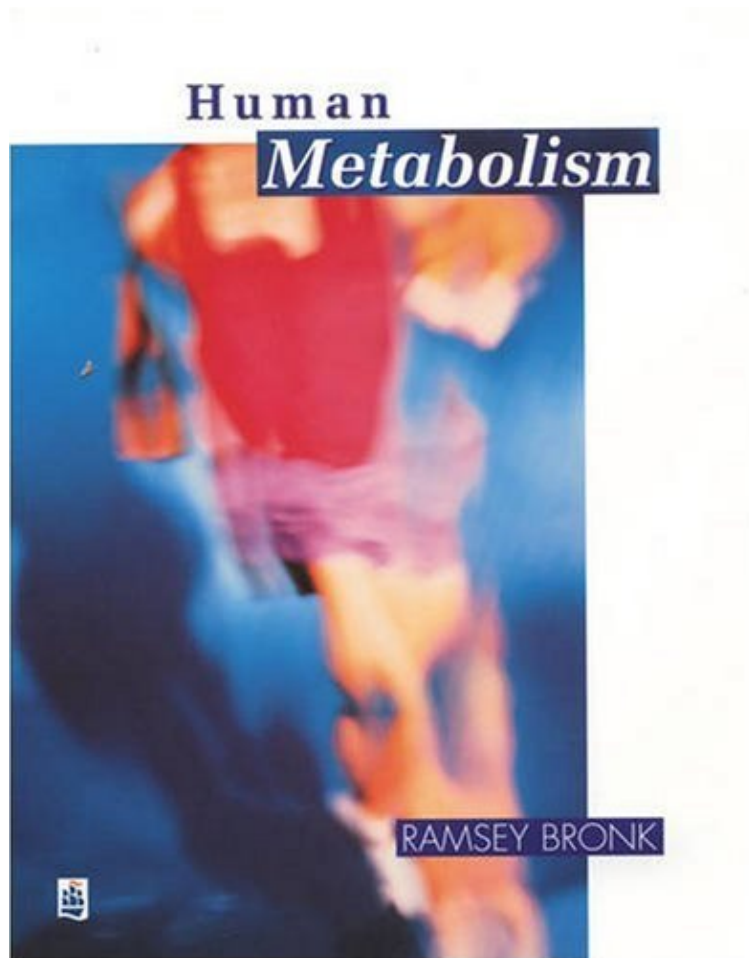


(Download) Human Metabolism: Functional Diversity and Integration

# Human Metabolism: Functional Diversity and Integration

*R. Bronk*

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**R. Bronk : Human Metabolism: Functional Diversity and Integration** before purchasing it in order to gage whether or not it would be worth my time, and all praised Human Metabolism: Functional Diversity and Integration:

The study of metabolism is essential to an understanding of how diet and lifestyle affect our health. This clear introduction to human metabolism provides an overview of the relationship between metabolism and physiological processes in the human body and its role in health and disease.Beginning with a review of basic biochemistry in a human context, the text goes on to explore important metabolic variations between tissues, often ignored in introductory courses; this provides a strong basis from which students can develop an understanding of metabolic integration in the whole body. Part 1 reviews the major features of human metabolism and explains how metabolic pathways support basic cell functions. Part 2 describes the functions of the liver, adipose tissue, muscle, pancreas, intestine, the central nervous system, the blood and the kidneys and how these are supported by metabolism. Part 3

details the integration and control of metabolism in the whole body, and illustrates the ways in which this balance is disturbed by changes such as exercise, trauma, starvation and disease. This book will be of particular interest to advanced undergraduates studying metabolism and physiological biochemistry modules within degrees in Biochemistry, Biology, Biomedical Science, Physiology, and Medicine. It will also be a valuable reference guide for those in the pharmaceutical industry.