



Amino Acids: Biochemistry and Nutrition (Hardback)

By Guoyao Wu

Taylor Francis Inc, United States, 2013. Hardback. Book Condition: New. 231 x 157 mm. Language: English . Brand New Book. Amino acid biochemistry and nutrition spans a broad range of fields including biochemistry, metabolism, physiology, immunology, reproduction, pathology, and cell biology. In the last half-century, there have been many conceptual and technical advancements, from analysis of amino acids by high-performance liquid chromatography and mass spectrometry to molecular cloning of transporters for amino acids and small peptides. Amino Acids: Biochemistry and Nutrition presents comprehensive coverage of these scientific developments, providing a useful reference for students and researchers in both biomedicine and agriculture. The text begins with the discoveries and basic concepts of amino acids, peptides, and proteins, and then moves to protein digestion and absorption of peptides and amino acids. Additional chapters cover cell-, tissue-, and species-specific synthesis and catabolism of amino acids and related nitrogenous substances, as well as the use of isotopes to study amino acid metabolism in cells and the body. The book also details protein synthesis and degradation, regulation of amino acid metabolism, physiological functions of amino acids, and inborn errors of amino acid metabolism. The final chapter discusses dietary requirements of amino acids by humans and...



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Reviews

It is great and fantastic. Sure, it is actually perform, nevertheless an amazing and interesting literature. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- Ivy Hilll DDS

An incredibly awesome publication with perfect and lucid reasons. It can be writter in simple phrases and not confusing. I am just delighted to let you know that this is actually the very best publication i actually have study during my very own lifestyle and could be he best publication for actually.

-- Paula Gutkowski