The Open Biochemistry Journal
DOI: 10.2174/011874091X326224240610075455, 2024, 18, e1874091X326224

ISSN: 1874-091X
1

BOOK REVIEW OPEN ACCESS

Taurine and the Mitochondrion: Applications in the Pharmacotherapy of Human Diseases

Heather Tarbet[1,*]

[1]*Duke University, United States*

*Address correspondence to this author at the Duke University, United States; E-mail: heathertarbet@hotmail.com

Cite as: Tarbet H. Taurine and the Mitochondrion: Applications in the Pharmacotherapy of Human Diseases. Open Biochem J, 2024; 18: e1874091X326224. http://dx.doi.org/10.2174/011874091X326224240610075455

Received: May 22, 2024
Revised: May 27, 2024
Accepted: May 28, 2024
Published: June 13, 2024

The content of Taurine and the Mitochondrial applications in the pharmacotherapy of Human diseases closely aligns with the central theme of the book. The book thoroughly explores this topic in a variety of contexts. It reflects a comprehensive understanding of taurine's impact on various aspects of mitochondrial function and its broader implications for human health. This extensive coverage not only underscores the theme but also enriches the reader's comprehension of the subject matter.

This book would be a valuable resource for readers interested in understanding taurine and how it impacts mitochondrial function. It efficiently gathers and synthesizes the available research to give a comprehensive picture of the interactions between taurine and a range of physiological systems, from the heart and liver to fat storage in obesity. Additionally, the text discusses the observed and theoretical benefits of taurine supplementation both on their own and when paired with advanced delivery methods. The authors speculate that effective supplementation could have significant implications for treating and managing disease states in a variety of conditions. The thorough discussion of multiple topics makes the book an excellent tool for both academic researchers and healthcare professionals seeking an easy reference to understand the latest findings in this field.

The general quality of the publication is quite high. It is well-supported by numerous citations that reflect a rigorous review on existing studies, enhancing its utility as a reference. However, some of the graphical representations within the book could be improved. While many of the figures effectively aid in understanding complex concepts, a few are overly complex or graphically unappealing, which might detract from their intended use as clarifying visuals.

Overall, the book is a commendable effort that contributes meaningfully to the literature on taurine and mitochondrial function, offering both in-depth analysis and practical insights that highlight its importance across various biological systems.