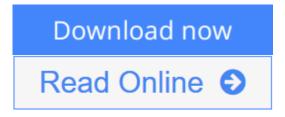


## **Dietary Protein and Resistance Exercise**

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Dietary supplement companies and the food industry spend millions to reach resistance trainers—often with exaggerated marketing messages—while health practitioners continue to counsel athletes that their interest in protein is misguided and even dangerous. There appears to be a disconnect between scientists and almost everyone else in sports nutrition. With so much conflicting information, it's difficult to know who to believe. With contributions from the world's foremost experts, **Dietary Protein and Resistance Exercise** delivers the uncut scientific truth about the role of dietary protein in the well-being of athletes.

Updating and clarifying the issues surrounding purposeful protein intake and resistance trainers, this volume:

- Reviews the science-related history of protein and its consumption among strength athletes
- Analyzes the mechanisms behind what proteins do in muscle cells
- Describes protein's effect on performance, recovery, and body composition
- Explores various populations that actively employ resistance training and dietary protein
- Discusses timing, type, and safety data regarding liberal protein diets and related supplements
- Includes sidebars, practical examples, and case studies—translating the science into a practical understanding of various protein-related topics

Separating fact from fiction and providing the hard science behind the numbers,

this volume demonstrates how changes in dietary protein intake may lead to measurable improvements in body composition, energy levels, and athletic performance.

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#### **Editorial Review**

About the Author

**Lonnie M. Lowery, PhD, RD,** is a professor of nutrition and exercise physiology of 11 years, currently at Winona State University, and president of Nutrition, Exercise and Wellness Associates Ltd. With formal training in both exercise physiology and nutrition he has published in academic and research settings on various sports nutrition topics such as dietary proteins, fats, antioxidants, dietary supplements, and overtraining. Dr. Lowery has also served as an educational, scientific, and product development consultant for a number of large dietary supplement companies such as Met Rx, Bodyonics-Pinnacle, and Biotest Laboratories. As an award-winning mentor and educator, he has written hundreds of lay articles for the strength and fitness communities and co-hosts www.IronRadio.org, a free educational and consumer advocacy podcast on iTunes.

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