Skeletal Muscle Muscle Mechanics

From Mechanisms to Function

Edited by Walter Herzog



Skeletal Muscle Mechanics From Mechanisms To Function

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Skeletal Muscle Mechanics From Mechanisms To Function:

Skeletal Muscle Mechanics W. Herzog, 2000-10-03 Skeletal Muscle Mechanics From Mechanisms to Function summarises the variety of approaches used by today s scientist to understand muscle function and the mechanisms of contraction This book contains research by leading scientists from numerous fields using many different scientific techniques Topics covered include Cellular and molecular mechanisms of skeletal muscle contraction Historical perspective of muscle research The newest developments in techniques for the determination of the mechanical properties of single cross bridges Theoretical modelling of muscle contraction and force production Multifaceted approaches to determine the in vivo function of skeletal muscle This state of the art account is written by internationally recognised authors and will be a valuable resource to researchers of biomechanics in sports science and exercise physiology I expect this book to be excellent and timely Professor R McNeill Alexander FRS School of Biology University of Leeds UK

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function anaerobic function and oxygen uptake Techniques for cardiopulmonary rehabilitation and the mechanisms associated with thermoregulation are also described Interactive exercises enable readers to easily assimilate key concepts and develop a thorough understanding of the topic Basic Exercise Physiology provides both trainees and professional healthcare staff interested in exercise physiology with a detailed and practically applicable resource on the topic

Principles of Neuromusculoskeletal Treatment and Management Nicola J. Petty, 2004 A systematic working guide to the treatment and management of the neuromusculoskeletal system this book provides vital information for both students and experienced therapists It provides a memorization aide to the treatment and management options a vehicle for the integration of protocols and material on the philosophies favored by the different schools of thought
Cumulated Index Medicus ,1985
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Who's who in Technology: Who's who in biotechnology, 1986 and pharmaceutical manifestations American Journal of Veterinary Research, 2005 Vols for 1956 include selected papers from the proceedings of the American Veterinary Medical Association

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