Nutrition is one of the key factors that modulate exercise performance. In this book, a group of expert scientists discuss the ergogenic properties of various nutritional interventions and present research to show that dietary strategies can be applied to extend the limits of human endurance, lower the risk of illness or injury, and speed recovery rates. More specifically, they discuss recent findings on topics such as caffeine and its effect on the brain, carnitine and fat oxidation, ergogenic properties of beta-alanine, dietary protein and muscle reconditioning, nutrition and immune status, and the importance of proper hydration.

This publication will provide the reader with many novel insights into the complex interaction between nutrition and exercise, allowing them to define more effective dietary strategies to improve health and performance. Moreover, while focusing on elite athletes, it is interesting to note that some of the discoveries can be applied beyond this niche, for example to improve performance outcomes in the elderly.

How to improve exercise performance capacity through adequate nutrition

Nestlé Nutrition Institute Workshop Series, Vol. 76

Limits of Human Endurance

Editors

Luc J.C. van Loon
Romain Meeusen

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Contents

Preface
Foreword
Contributors

Caffeine, Exercise and the Brain: *Meeusen, R.;
Roelands, B.; Spriet, L.L.*

Carnitine and Fat Oxidation: *Stephens, F.B.;
Galloway, S.D.R.*

Hydration during Intense Exercise Training:
Maughan, R.J.; Meyer, N.L.

Intense Exercise Training and Immune
Function: *Gleeson, M.; Williams, C.*

Physiological and Performance Adaptations to
High-Intensity Interval Training: *Gibala, M.J.;
Jones, A.M.*

Effect of β -Alanine Supplementation on
High-Intensity Exercise Performance:
Harris, R.C.; Stellingwerff, T.

Dietary Protein for Muscle Hypertrophy:
Tipton, K.D.; Phillips, S.M.

The Role of Amino Acids in Skeletal Muscle
Adaptation to Exercise:
Aguirre, N.; van Loon, L.J.C.; Baar, K.

National Nutritional Programs for the 2012
London Olympic Games: A Systematic Approach
by Three Different Countries: *Burke, L.M.;
Meyer, N.L.; Pearce, J.*

Concluding Remarks: Nutritional Strategies to
Increase Performance Capacity:
van Loon, L.J.C.; Meeusen, R.

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