

Contents

Chapter 1 Exercise Immunology: Current Issues	1
Laurel T. Mackinnon	
Chapter 2 Carbohydrates and the Immune Response to Prolonged Exertion.	25
David C. Nieman	
Chapter 3 Lipids, Exercise, and Immunology	43
Jaya T. Venkatraman, Peter J. Horvath, and David R. Pendergast	
Chapter 4 Protein, Exercise, and Immunity	75
David G. Rowbottom	
Chapter 5 Glutamine, Exercise, and the Immune System.	93
Thomas Rohde, Kenneth Ostrowski, and Bente K. Pedersen	
Chapter 6 Vitamins, Immunity, and Infection Risk in Athletes	109
Edith M. Peters	
Chapter 7 Minerals and Exercise Immunology	137
Michael Gleeson	
Chapter 8 Cancer, Nutrition, and Exercise Immunology.	155
Jeffrey A. Woods	
Chapter 9 Exercise, Immune Function, and Nutrition — Summary and Future Perspectives	175
Bente K. Pedersen and David C. Nieman	
Index	187