

# Contents

	Contributors	vii
	Series Foreword	ix
	Preface	xi
	Acknowledgments	xii
1.	<b>Introduction to Human Nutrition: A Global Perspective on Food and Nutrition</b> <i>HH Vorster</i>	1
2.	<b>Body Composition</b> <i>P Deurenberg</i>	12
3.	<b>Energy Metabolism</b> <i>A Astrup and A Tremblay</i>	31
4.	<b>Nutrition and Metabolism of Proteins and Amino Acids</b> <i>NK Fukagawa and Y-M Yu</i>	49
5.	<b>Digestion and Metabolism of Carbohydrates</b> <i>J Mathers and TMS Wolever</i>	74
6.	<b>Nutrition and Metabolism of Lipids</b> <i>BA Griffin and SC Cunnane</i>	86
7.	<b>Dietary Reference Standards</b> <i>KM Younger</i>	122
8.	<b>The Vitamins</b> <i>DA Bender</i>	132
9.	<b>Minerals and Trace Elements</b> <i>JJ Strain and KD Cashman</i>	188
10.	<b>Measuring Food Intake</b> <i>UE MacIntyre</i>	238
11.	<b>Food Composition</b> <i>HC Schönfeldt and JM Holden</i>	276
12.	<b>Food and Nutrition: Policy and Regulatory Issues</b> <i>MJ Gibney and A McKeivitt</i>	293
13.	<b>Nutrition Research Methodology</b> <i>JA Martínez and MA Martínez-González</i>	305
14.	<b>Food Safety: A Public Health Issue of Growing Importance</b> <i>A Reilly, C Tlustos, J O'Connor, and L O'Connor</i>	324
15.	<b>Food and Nutrition-Related Diseases: The Global Challenge</b> <i>HH Vorster and MJ Gibney</i>	350
	Index	361