

Contents

Chapter 1	General introduction and outline of the thesis	9
Chapter 2	Serum 25-hydroxyvitamin D levels and the metabolic syndrome in older persons: a population-based study	27
Chapter 3	Effect of moderate-dose vitamin D-supplementation on vitamin D deficient non-western immigrants in the Netherlands: A randomized placebo-controlled trial	43
Chapter 4	Effect of vitamin D supplementation on physical performance and activity in non-western immigrants	63
Chapter 5	Vitamin D supplementation and testosterone concentrations in male human subjects	81
Chapter 6	Osteocalcin as a predictor of the metabolic syndrome in older persons: a population-based study	95
Chapter 7	Summary, discussion and future perspectives	109
Chapter 8	Nederlandse samenvatting	137
Addendum	Abbreviation List	145
	Co-author affiliations	149
	Publications	153
	Dankwoord	159
	Curriculum Vitae	165