## Contents

**Chapter 1**  
Introduction and outline of the thesis  

**PART I**

**Chapter 2**  
Bone metabolism and bone mineral density in patients with rheumatoid arthritis treated with anti-TNF  

A  
Early changes in bone metabolism in patients with rheumatoid arthritis treated with infliximab  

B  
Evaluation of bone mineral density, bone metabolism, osteoprotegerin and receptor activator of the NFκB ligand serum levels during treatment with infliximab in patients with rheumatoid arthritis  

**Chapter 3**  
Bone mineral density of spine, hip and hands and fractures in patients with rheumatoid arthritis  

A  
High incidence of vertebral and non-vertebral fractures in the OSTRA cohort study: a 5-year follow-up study in postmenopausal women with rheumatoid arthritis  
*Osteoporos Int* 2011 Jan 13 [Epub ahead of print].  

B  
Generalised bone loss during 5 years in female rheumatoid arthritis patients with established disease  
*Submitted.*  

C  
High disease activity is a predictor of cortical hand bone loss in postmenopausal patients with established rheumatoid arthritis: A 5-year multicentre longitudinal study  
*Rheumatology (Oxford)* 2010 Sep; 49(9):1676-82.
## PART II

### Chapter 4
Lipid profiles in anti-TNF treated patients with rheumatoid arthritis

**A** The short-term effects of infliximab on the lipid profile in patients with rheumatoid arthritis  

**B** Changes in lipid profile during infliximab treatment and corticosteroid therapy in rheumatoid arthritis  

### Chapter 5
IgM-rheumatoid factor, anti-cyclic citrullinated peptide and anti-citrullinated human fibrinogen antibodies decrease during treatment with the TNF blocker infliximab in patients with rheumatoid arthritis  

### Chapter 6
Development of anti-infliximab antibodies and relationship to clinical response in patients with rheumatoid arthritis  

### Chapter 7
Adverse events in patients with rheumatoid arthritis treated with infliximab in daily clinical practice  

### Chapter 8
The effect of intravenous pamidronate versus oral alendronate on bone mineral density in patients with osteoporosis  

### Chapter 9
Summary and discussion

### Chapter 10
Samenvatting (Summary in Dutch)

Dankwoord (Acknowledgements)

About the author

Curriculum vitae

List of publications