

CONTENTS

Chapter 1	General introduction	9
Chapter 2	Validation of ultrastructural analysis of mitochondrial deposits in cardiomyocytes as a method of detecting early acute myocardial infarction in humans	23
Chapter 3	The basement membrane of intramyocardial capillaries is thickened in patients with acute myocardial infarction	35
Chapter 4	Dopamine induces lipid accumulation, NADPH oxidase-related oxidative stress and a pro-inflammatory status of the plasma membrane in H9c2 cells	49
Chapter 5	Pulmonary embolism causes endomyocarditis in the human heart	69
Chapter 6	Prolonged C1 inhibitor administration improves local healing of burn wounds and reduces myocardial inflammation in a rat burn wound model	87
Chapter 7	Myocardial infarction induces atrial inflammation that can be prevented by C1-esterase inhibitor	103
Chapter 8	Ventricular myocarditis coincides with atrial myocarditis in humans	127
Chapter 9	Atrial fibrillation coincides with the advanced glycation endproduct N ^ε -(carboxymethyl)lysine in the atrium	149
Chapter 10	General discussion	169
Chapter 11	Nederlandse samenvatting (<i>Summary in Dutch</i>)	189
	List of publications	195
	Curriculum Vitae	199
	Dankwoord (<i>Acknowledgements</i>)	201