

Contents

Chapter 1	General introduction and outline of the thesis	9
Chapter 2	Circulating cardiovascular markers and mediators in acute illness <i>Clin Chim Acta 2005;354:21-34</i>	23
Chapter 3	The hemodynamics of human septic shock relate to circulating innate immunity factors <i>Immunol Invest 2010;39:849-862</i>	43
Chapter 4	α -Atrial natriuretic peptide, cyclic guanosine monophosphate, and endothelin in plasma as markers of myocardial depression in human septic shock <i>Crit Care Med 2001;29:80-87</i>	59
Chapter 5	High circulating N-terminal pro-B-type natriuretic peptide is associated with greater systolic cardiac dysfunction and nonresponsiveness to fluids in septic vs nonseptic critically ill patients <i>J Crit Care 2011;26:108.e1-108.e8</i>	79
Chapter 6	Circulating endothelin and nitrate-nitrite relate to hemodynamic and metabolic variables in human septic shock <i>Shock 1999;11:160-166</i>	95
Chapter 7	Relation between coagulation/fibrinolysis and lactate in the course of human septic shock <i>J Clin Pathol 2010;63:1021-1026</i>	111
Chapter 8	Vasopressors and inotropes in the treatment of human septic shock: effect on innate immunity? <i>Inflammation 2011; Epub ahead of print</i>	127
Chapter 9	Summary, general discussion and future perspectives	141
Chapter 10	Samenvatting, beschouwing en toekomstperspectieven	155
Chapter 11	Appendices	
	List of publications	173
	Dankwoord	177
	Curriculum vitae	181