

Stellingen behorende bij het proefschrift  
Propositions pertaining to the thesis  
**Blood biomarkers and novel imaging techniques in acquired heart disease**

1. In patients with stable coronary artery disease, several circulating blood biomarkers are associated with adverse cardiovascular outcomes during long term follow-up.  
This thesis
2. The major advantage of blood biomarkers is that they can be measured in a non-invasive manner and repeatedly over time.  
This thesis
3. In patients with established coronary artery disease, the invasive coronary imaging modalities radiofrequency-intravascular ultra sound (RF-IVUS) and near-infrared spectroscopy (NIRS) provide valuable information on plaque morphology in the imaged coronary segment and are promising tools for risk prediction.  
This thesis
4. The temporal patterns of several circulating biomarkers are strong and independent predictors of adverse clinical events in patients with chronic HF. These temporal patterns carry potential to accurately detect disease dynamics, which could be useful for tailored adjustment of treatment.  
This thesis
5. During clinically silent progression of chronic heart failure, the renal compartments (glomerular and tubular) deteriorate, but not in parallel. The temporal patterns of these renal circulating biomarkers have incremental value for prognostication.  
This thesis
6. The problem today is not atomic energy, but the heart of men.  
Albert Einstein, 1879-1955
7. The problem with heart disease is that the first symptom is often fatal.  
Michael Phelps
8. Variability is the law of life, and as no two faces are the same, so no two bodies are alike, and no two individuals react alike and behave alike under the abnormal conditions which we know as disease  
Sir William Osler 1849-1919
9. It is much more important to know what sort of a patient has a disease than what sort of a disease a patient has.  
Sir William Osler 1849-1919
10. Individualization of drug therapy is an evolution, not a revolution.  
LJ Jesko and S Schmidt Pharmacology & Therapeutics (2012)
11. The sun enlightens everyone, but the light of knowledge enlightens those who are actively seeking the light.  
Debasish Mridha