STELLINGEN (PROPOSITIONS)
Behorende bij het proefschrift:
Propositions associated with the thesis:

Immunomodulation by Dietary Restriction in Renal Ischemia-Reperfusion Injury

1) Dietary restriction and fasting induce major immunological changes in the primary and secondary lymphoid organs. (this thesis)

2) Dietary restriction protects against renal I/R injury by downregulation of circulating levels of Mannan-Binding Lectin while fasting protects by having an effect on tubular cell homeostasis and resistance to tubular injury, independent of MBL. (this thesis)

3) Dietary interventions reduce systemic complement activity, with most radical impact on the terminal pathway, and only moderate impact on the initiation pathways. (this thesis)

4) The decrease in pro-inflammatory cytokine production due to fasting in the first 6hrs of reperfusion is proposed as one of the protective effects of fasting. (this thesis)

5) Cold exposure, another hormetic stimulus, in contrast to dietary restriction and fasting, does not result in beneficial effects against renal I/R injury. (this thesis)

6) Science is not only about why….but is also about why not.

7) The decision to publish scientific data shouldn’t be merely based on p-values.

8) A scientist should have the courage to imagine beyond the boundaries, relate it to the best known knowledge, and validate it experimentally.

9) Pay attention to natural outliers, there might be an interesting reason for their existence.

10) In this era of big data wisdom is more important than knowledge.

11) The mind is everything...what you think you become. (Buddha)

Shushimita
Rotterdam, 6 July 2016