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Complement modulation in renal replacement therapy

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Stellingen behorende bij het proefschrift

'Complement modulation in renal replacement therapy'

Felix Poppelaars, RijksUniversiteit Groningen

1. Current hemodialysis membranes still activate the complement system and are therefore bioincompatible. *(this thesis)*
2. Mannose-binding lectin may have a beneficial effect on cardiovascular outcome in hemodialysis patients. *(this thesis)*
3. Complement inhibition is a promising approach to eliminate an inflammatory trigger during dialysis. *(this thesis)*
4. Activation of complement by modern therapeutics has important implications for their clinical use. *(this thesis)*
5. Inhibition of complement at different levels of the cascade attenuates renal injury in brain-dead rodents; however the optimal target for intervention is early complement components. *(this thesis)*
6. Novel pharmacological approaches for the treatment of renal ischemia-reperfusion injury should focus on the anaphylatoxin receptor C5aR2. *(this thesis)*
7. The Complotype risk score could improve the prediction of graft loss, and identify renal patients that might benefit from treatment with complement inhibitors. *(this thesis)*
8. Complement activation occurs in all types of renal replacement therapy, however the ideal treatment strategy will differ per modality. *(this thesis)*
9. Transplantation immunology and tumor immunology are opposite sides of the same coin.
10. It is as noble to aim towards balance as towards perfection. *(Jean Grenier)*
11. The darkest hour of the night is just before dawn. *(Thomas Fuller)*
12. Creativiteit heeft een incubatietijd nodig, en een aantal valse starts. *(Piers Steels)*
13. A wise man will make more opportunities than he finds. *(Francis Bacon)*
14. Truth is the daughter of time, not of authority. *(Francis Bacon)*

