

PROPOSITIONS

TO THE THESIS

“COMBATING HCV RECURRENCE:

THE PAST, PRESENT AND FUTURE OF ANTI-VIRAL WARFARE”

BY SCOT HENRY

1. Steroids have no direct effect on the replication of HCV *in vitro*. (This thesis)
2. Mycophenolic Acid reduces the ability of HCV to replicate independent of guanosine depletion *in vitro*. (This thesis)
3. Lentiviral delivered simultaneous combinatorial shRNA reduces HCV replication and its entry receptors *in vitro*. (This thesis)
4. Delivery of lentiviral vectors to hepatocytes is enhanced by the hydroxyethyl starch in UW solution and facilitates hypothermic transduction during cold perfusion of a liver graft. (This thesis)
5. RNAi and Interferon therapy can be combined in the treatment of HCV without cross interference. (This thesis)
6. HCV reinfection is a misnomer in that, post liver transplantation, HCV infects, *de novo*, the newly placed naïve liver graft, while the patient has retained the infection throughout the course of disease.
7. Mycophenolic acid’s anti-HCV effect is masked by its immunosuppressive capacity *in vivo*.
8. Most anti-viral monotherapies fail due to the pre-treatment existence of a significant quasispecies population of viral mutants that confer resistance.
9. It has been said that the primary function of schools is to impart enough facts to make children stop asking questions. Some, with whom the schools do not succeed, become scientists. - Knut Schmidt-Nielson.
10. Almost always, the men who achieve these fundamental inventions of a new paradigm have been either very young or very new to the field whose paradigm they change. – Thomas S. Kuhn.
11. Any man who can drive while kissing a pretty girl is simply not giving the kiss the attention it deserves. – Albert Einstein.

These propositions are considered opposable and defensible and as such have been approved by the supervisor Prof.dr. H.W. Tilanus.