**Propositions**

To the thesis

**Mouse Models for the Study of Viral Hepatitis -**

**(intra)cellular innate immunity**

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1. The inflammatory environment in the liver, early after viral infection, is shaped by a strong recruitment of TNF-α producing monocytes – *Chapter 1 this thesis*
2. Monocytes and macrophages display a similar transcriptional phenotype during chronic viral infection, but should not be considered as a single cell type - *Chapter 2 this thesis*
3. Hepatitis E virus from blood is considerably less infectious compared to hepatitis E virus from feces *in vivo* and *in vitro* – *Chapter 3 this thesis*
4. Genomic adaptation of hepatitis E virus occurs during *in vitro* culture, but is limited in the immune compromised host - *Chapter 4 this thesis*
5. In our model, hepatitis E virus genotype 1 and 3, but not hepatitis B virus, are highly sensitive to pegIFNα treatment however; pegIFNα, requires careful consideration as treatment in patients - *Chapter 5 this thesis*
6. Past performance is no guarantee of future results, however LCMV mouse model studies will be more productive in the future than in their already memorable past - *Adapted from X. Zhou et al. Viruses 2012, 4(11), 2650-2669; doi:10.3390/v4112650*
7. There is no such thing as *the* hepatitis E phenotype – *From “Hepatitis E virus in the immune-compromised patient” by S. Pas*
8. Experimental animal models are essential in unravelling the complex interplay between pathogen, host, and the host’s immune cells.

1. Met het oog op HEV genotype 3 infecties: “Voorkomen is beter dan genezen” - *Desiderius Erasmus*
2. When previous works used the same approach and referred to a chronic infection model, it almost certainly is a model to study chronic infections - *In reaction to anonymous reviewer comment; although previous works have used the same approach referring to a chronic infection model, this doesn't mean that they are right; rather it means they are just all wrong.*
3. “I don’t believe in astrology; I’m a Sagittarius and we’re skeptical.” - [*Arthur C. Clarke*](http://www.goodreads.com/author/show/7779.Arthur_C_Clarke)