Stellingen behorende bij het proefschrift

Immunoregulatory Properties of Break Down Products of Human Choriogonadotropin

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1. Various presumed \textit{waste products} of hCG contribute to the heterogeneity in its biological functions.
   \textit{This thesis}

2. LPS-induced shock in experimental animals is not a reliable model for evaluation of candidate drugs for the treatment of septic shock.
   \textit{This thesis}

3. Based on the MHC class I and MHC class II binding potential and proteolytic nick sites regulatory oligopeptides can be selected from the primary structure of a protein.
   \textit{Khan and Benner, patent \textquoteleft Gene regulatory peptides\textquoteright. AU publication number 2002/328028}

4. Fine tuning of inflammation is essential for successful pregnancy. Throughout pregnancy hCG plays a central role in this fine tuning.
   \textit{This thesis}

5. Wherever a severe immune reaction must be brought under control, small peptides from the loop-2 region of \( \beta \)-hCG should be considered as drug candidates.
   \textit{This thesis}

6. There are no drugs that affect only one specific process. Even targeting a single gene can have profound side effects.
7. Glycosylation of a protein serves a regulatory role in the degradation of that protein and the liberation of regulatory oligopeptides.

8. Protein-receptor interactions have merely the function of guiding a protein to a cellular site where liberation of small oligopeptides by proteolytic processes mediates the physiological effect.

9. The most promising route to feeding 9 billion people is to fight loss and waste.
   
   *Marion Guillou, Nature 464, 969 (2010).*

10. The one and only true meaning of scientific publications is to stimulate the scientific debate.

11. "For every fatal shooting, there were roughly three non-fatal shootings. And, folks, this is unacceptable in America. It's just unacceptable. And we're going to do something about it."
   