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Stellingen (Propositions)
Behorende bij het proefschrift getiteld

Properdin-dependent activation and control of immune-homeostasis and autoimmunity

1. Through the anchoring of properdin, myeloperoxidase provides a platform for alternative pathway activation. *(this thesis).*

2. Activated neutrophils act as a source of properdin and a platform for AP activation using enzymes such as myeloperoxidase, demonstrate the complex and diverse mechanisms of alternative pathway activation. *(this thesis).*

3. Factor H and properdin are both key opposing regulators with novel emerging roles in initiation and control of the alternative pathway. *(this thesis).*

4. The unexplored importance of dendritic cell derived factor H and properdin is illustrated by their opposing effects on T cell immunity. *(this thesis).*

5. Although the innate immune system was first described by Elie Metchnikoff over a century ago, progress in its analysis has been largely overshadowed by the fascinating intricacies of adaptive immunity. *(Ruslan Medzhitov. Toll-like receptors and Innate immunity. Nat Rev Immunol. 2001 Nov;1(2):135-45).*


Joseph O’Flynn
*Leiden, 28th August 2014*
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**Properdin-dependent activation and control of immune-homeostasis and autoimmunity**


10. A man who dares to waste one hour of time has not discovered the value of life. *(Charles Darwin, volume I, chapter VI: "The Voyage", page 266; 4 August 1836).*

11. A society's competitive advantage will come not from how well its schools teach the multiplication and periodic tables, but from how well they stimulate imagination and creativity. *(Albert Einstein, Einstein to Vivienne Anderson, May 12, 1953, AEA 60-716).*

12. Experience is the name everyone gives to their mistakes. *(Oscar Wilde, First used by Wilde in Vera; or, The Nihilists).*

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