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Antigen handling and cross-presentation by dendritic cells

Ho, N.I.S.C.

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Author: Ho, N.I.S.C.

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Stellingen behorend bij het proefschrift

Antigen handling and cross-presentation by dendritic cells

Nataschja Ho

1. To store, or not to store antigen: that makes the difference between early and late antigen presentation by dendritic cells. (*this thesis*)
2. All roads lead to Rome: diverse antigen uptake routes all lead to storage compartments in dendritic cells. (*this thesis*)
3. Long lasting dendritic cell cross-presentation will improve long lasting vaccination efficacy. (*this thesis*)
4. Choosing the type of fluorophore for compound conjugates is like buying new shoes. You need to consider the size, the color, whether it blends in nicely, and which route to take. (*this thesis*)
5. Nature has given us the strongest weapon “our immune system” to fight against diseases, further polishing this weapon with fundamental research will gear us up for ongoing and future battles.
6. Different dendritic cell subsets have their unique immunological function, understanding how to optimally exploit each subset is crucial to orchestrate efficacious immune responses against cancer.
7. Next generation of dendritic cell-based vaccines should be optimized toward personalized treatments for patients based on their tumor biology.
8. Combining immunotherapy with classical chemo- or radiotherapy in a well-balanced way can strongly improve treatment of cancer and clinical outcome.
9. Improvise. Adapt. Overcome. (*Clint Eastwood, Heartbreak Ridge*) (life as PhD student)
10. If you encounter enemies, you are going in the right direction. (basic rule of gamers)

