PAMPering immune responses : spotlight on helper cells for dendritic cell vaccination

PROPOSITIONS

belonging to the dissertation entitled

PAMPering immune responses

Spotlight on helper cells for dendritic cell vaccination

Tammy Oth
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1. The capacity of mature dendritic cells to produce IL-12p70 is positively correlated with their potential to interact with helper cells. (*this dissertation*)
2. Selection of defined pattern recognition receptor triggers is a potent way to generate high IL-12p70-producing dendritic cells *ex vivo*. (*this dissertation*)
3. Natural killer cells can act as amplifiers of dendritic cell-induced immune responses against pathogens. (*this dissertation*)
4. The patient tumour microenvironment is a relevant factor to consider when taking dendritic cell-based vaccines from bench to bedside. (*this dissertation*)
5. Combination therapies will be the future anti-cancer treatment regimens.
6. Defining new release criteria for *ex vivo*-matured dendritic cells will help to increase their *in vivo* potency by ensuring better interaction with different immune effector cells.
7. 'The two most powerful warriors are patience and time.' (*Leo Tolstoy*)
8. 'Nothing is permanent except change.' *(Heraclitus)*
9. 'When you get to the end of your rope, tie a knot in it and hang on.' (*Franklin D. Roosevelt)*