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Title: Immune regulation by CD49b+ CD4+ T cells & modulation of B cell responses
Issue Date: 2016-11-29
Stellingen behorend bij het proefschrift

**Immune regulation by CD49b^CD4^ T cells & modulation of B cell responses**

1. Abatacept decreases disease activity and autoantibody responses in the absence of CD4^+ T cells in a mouse model of arthritis, indicating that Abatacept has additional modes of action in addition to the inhibition of T cell activation (this thesis).

2. Anti-cyclic citrullinated peptide (CCP)-2 antibodies are a collection of Anti-citrullinated protein antibodies (ACPA) with overlapping and non-overlapping reactivities (this thesis).

3. The prototypic costimulatory molecule CD28 is expressed on B cells and ACPA^+ plasmablasts/cells of Rheumatoid Arthritis patients (this thesis).

4. CD49b^CD4^ T cells can alter the outcome of CD4^+ Th1-cell responses via modulation of dendritic cells in an IL-10 dependent manner (this thesis).

5. Identification of the antigens recognized by CD49b^CD4^ T cells would pave the way for the development of an immunotherapy to suppress arthritis (this thesis).

6. CD49b^CD4^ T cells and regulatory T cells are rivals running for the same race.


8. Pathogenic immune reactions harming the integrity of the joint are initiated at other sites than the joints (Anca I. Catrina *et al Nat Rev Rheumatol.* 2014 (10): 645-653).

9. Nothing in life is to be feared, it is only to be understood. Now is the time to understand more, so that we may fear less (Marie Curie, *Our Precarious Habitat*, 1973).

10. The vocation of every man and woman is to serve other people (Leo Tolstoy, *What Is To Be Done*, 1886).

11. Opinions have caused more ills than the plague or earthquakes on this little globe of ours (Voltaire, *Letter to Élie Bertrand*, 1759).

12. A laboratory is a place, where rational and irrational meet.

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Leiden, 29 november 2016