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Towards HLA epitope matching in clinical transplantation

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Stellingen

behorende bij het proefschrift

Towards HLA epitope matching in clinical transplantation

1. Predicting de novo donor-specific antibodies on basis of HLA molecular mismatches is not just a numbers game (this thesis)
2. Large and diverse cohorts of transplant recipients are required to define the most immunogenic amino acid configurations (this thesis)
3. A single HLA amino acid mismatch is sufficient to trigger an antibody response (this thesis)
4. Narrow antibody reactivity patterns can be the most complex (this thesis)
5. Multiple immunogenic amino acid configurations can induce antibodies reactive with a single HLA antigen mismatch (this thesis)
6. International Histocompatibility workshops have been instrumental in understanding the role of HLA in transplantation
7. Risk factors for sensitisation identified in population studies do not necessarily apply for an individual patient
8. The effector function of an antibody is influenced by the structure of glycans of the Fc part (Dekkers et al *Frontiers in immunology* 2017;8:877)
9. Potential targets for indirect T cell allorecognition can be predicted by in silico tools (Geneugelijk et al *Journal of Immunology research* 2014;159479)
10. If experiments provide all answers to a question then there will be no need for new research
11. Life of a PhD student is like a box of chocolates you never know what you gonna get (Forrest Gump 1994)