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Leiden
The Netherlands

Allogeneic haematopoietic stem cell donation and transplantation across the MHC class I barrier: "Faster is better than more. More is better than less".

Heemskerk, M.B.A.

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Mijn Stellingen

Behorende bij het proefschrift:

“Allogeneic haematopoietic stem cell donation and transplantation
across the MHC class I barrier:

Faster is better than more. More is better than less.”

1. Not the supposed allogeneic stem cell donor shortage, but donor search logistics are the biggest constraint for patients of northwest European origin to reach stem cell transplantation. *This thesis*.
2. Selection of a back-up donor increases the chance for a patient to reach unrelated stem cell transplantation. *This thesis*.
3. The HLAMatchmaker algorithm, based on B lymphocyte biology, is not a suitable tool to predict the cytotoxic T lymphocytes response. *This thesis*
4. The strength of an alloreactive cytotoxic T lymphocyte response against foreign MHC is not directly related to the number of amino acid sequence differences on the allogeneic MHC molecules. *This thesis*
5. Positive thymic selection limits the capacity to recognize allogeneic MHC molecules. *This thesis*
6. The name of the “human leukocyte antigen” does not reflect its function and can lead to false expectations.
7. Selection of an embryo on basis of its suitability to become a related stem cell donor is not less justifiable than making a random choice between different embryos.
8. Using the morphological or functional species concept to define biological species is at least problematic.
9. The idea that everybody is unique does not agree with the thought that a sample size of three is enough to make an evidence-based decision.
10. The systems that fail are those that rely on the permanency of human nature, and not on its growth and development. *Oscar Wilde*
11. “Not on time” is not the same as “too late”
12. Only within a database people can experience their own death before their existence
13. Questions are a burden and answers are a prison for oneself. *Iron Maiden*

Martin B.A. Heemskerk