Cold preservation injury in organ transplantation

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Stellingen

Behorende bij het proefschrift

Cold preservation injury in organ transplantation: beneficial effects of dopamine and carbon monoxide releasing molecules

1. Allograft rejection requires two types of recognition: recognition of specific nonself alloantigens and recognition of injury. Therefore, therapeutic efforts should be made to reduce injury during the transplantation process. *(Lu C.Y. et al., Kidney Int 1999; 55:2157-68)*

2. Mitochondrial Ca^{2+} accumulation leads to cell death during cold preservation. *(This thesis)*

3. Cold preservation is a major cause of pre-transplantation injury, and hence it represents an important target for intervention. *(This thesis)*

4. The prerequisite for leukocyte recruitment to sub-endothelial compartments is activation of the endothelial cell lining by tissue-derived signals that induce the expression of adhesion molecules and trigger the secretion of inflammatory mediators by endothelial cells. *(This thesis)*

5. The beneficial effect of donor dopamine usage is more pronounced when cold preservation time is long. *(This thesis)*

6. Teachers open a door, but you must enter by yourself. (*Chinese proverb*)

7. The dark side of defending your PhD thesis is having people around saying this is only the beginning.

8. Research is the ideal job for personalities with an indecisive nature: one is obliged to doubt and reconsider till the very end and even after.

9. Life can only be understood backwards, but has to be lived forward.

10. Friendship is unnecessary, like philosophy, like art . . . It has no survival value; rather it is one of those things that gives value to survival.

11. Collaboration, as is embedded within the GRK program, is not a goal itself, but rather an ideal way for increasing mutual scientific output.