

# Cell-based therapy for hypoxic-ischemic injury in the preterm brain

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## Stellingen behorend bij het proefschrift

### Cell-based therapy for hypoxic-ischemic injury in the preterm brain

1. Celtherapie biedt perspectief voor de behandeling van hersenschade bij prematuren (dit proefschrift).
2. De baroreceptorreflex is betrokken bij cerebrale autoregulatie en wordt ontregeld door hypoxie-ischemie (dit proefschrift).
3. Hypoxie-ischemie veroorzaakt in het premature brein een schadelijke cerebrale inflammatoire respons met als gevolg aanvullend verlies van witte stof producerende oligodendrocyten (dit proefschrift).
4. De milt is een bron voor immuun effectorcellen welke na hypoxie-ischemie gemobiliseerd worden en mogelijk bijkomende schade aanrichten in het premature brein (dit proefschrift).
5. De optimale therapie ondersteunt het indrukwekkende herstelpotentieel van de prematuur (dit proefschrift).
6. Een adequaat diermodel representeert nauwkeurig de humane biologie en de etiologie van de bestudeerde ziekte (dit proefschrift).
7. Family-centered care reduceert de impact van prematuriteit op het kind, de familie en de maatschappij.
8. Zowel leken als medisch specialisten zijn geneigd de extreme uiteinden van het leven niet te behandelen (Op de grens van levensvatbaarheid, Els Quaegebeur, Vrij Nederland 2013).
9. If you can't explain it simply, you don't understand it well enough (Albert Einstein).
10. The more you see, the less you know. The less you find out as you go. I knew much more then, than I do now. (U2, City of Blinding Lights)
11. Foar de wyn is elts in hurdsiler.

*Voor de wind is iedereen een wedstrijdzeiler. Running downwind everyone is a competitive sailor.*

**Reint Jellema**, 23 september 2014

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