

Mapping the effects of vitamin D in multiple sclerosis

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MAPPING THE EFFECTS OF
VITAMIN D
IN MULTIPLE SCLEROSIS
A 3D perspective

Linda Marlies Rolf
Maastricht, 24 november 2017

1. De vitamine D status is vooral in de beginfase van relapsing remitting multiple sclerose een bepalende factor voor het beloop van de ziekte. (Dit proefschrift)
2. Suppletie van een hoge dosis vitamine D zorgt voor een beter behoud van de interleukine 2 receptor alfa op het celmembraan van regulatoire T cellen in relapsing remitting multiple sclerose. (Dit proefschrift)
3. Suppletie van een hoge dosis vitamine D zorgt voor een specifieke afname in de antilichaamrespons tegen Epstein-Barr nuclear antigen 1 (EBNA-1) in relapsing remitting multiple sclerose. (Dit proefschrift)
4. Suppletie van vitamine D zorgt voor een verlaging van de stress-respons na het ontwaken in relapsing remitting multiple sclerose. (Dit proefschrift)
5. "The whole is greater than the sum of its parts." *Aristoteles*
6. Een beter begrip van het samenspel van nucleaire receptor liganden in multiple sclerose kan ons inzicht vergroten betreffende de pathogenese van multiple sclerose en de heterogeniteit in het ziektebeloop.
7. Perceptions are sometimes fit into hypothesis, but not into truth.
8. Op de weg naar personalized medicine, waar verschillen het uitgangspunt vormen, moeten we overeenkomsten niet uit het oog verliezen.
9. "Following the light of the sun we left the Old World." *Christopher Columbus*
10. "Spring sun irradiates me with happiness vitamins." *Loesje*
11. Every PhD student should remember: "Stressed is just desserts spelled backwards"