

# Can PDE inhibition improve cognition? : Translational insights

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## Can PDE inhibition improve cognition? Translational insights

Olga A.H. Reneerkens  
Maastricht, 18 april 2013

1. PDE2, 5 en 10 remmers zijn in staat om geheugen verslechtingen in ratten veroorzaakt door scopolamine of MK-801 te compenseren (dit proefschrift)
2. Perifere effecten van de PDE2 remmer BAY 60-7550 en PDE5 remmer vardenafil kunnen niet uitgesloten worden bij positieve effecten van deze remmers op geheugen (dit proefschrift)
3. De PDE5 remmer vardenafil heeft geen effect op auditieve informatieverwerking in ratten en mensen (dit proefschrift)
4. De PDE2 remmer BAY 60-7550 en PDE10 remmer PQ-10 beïnvloeden auditieve informatieverwerking in ratten (dit proefschrift)
5. De PDE5 remmer vardenafil heeft geen effect op de cognitieve prestaties van gezonde, jonge mensen (dit proefschrift)
6. De toepasbaarheid van PDE remmers voor cognitieverbetering verschilt per PDE familie.
7. Hoe meer woorden je gebruikt, des te groter de kans dat je mogelijkheden creëert voor interpretaties, die afwijken van wat je bedoelt.
8. Voor elke vraag, die een onderzoek beantwoordt, komt er minimaal weer één voor in de plaats.
9. Just because something doesn't do what you planned it to do, doesn't mean it's useless (Thomas A. Edison)
10. Revalideren is net als promoveren; zonder doorzettingsvermogen, goede begeleiding en pijnlijke momenten kom je er niet.