

Stellingen behorende bij het proefschrift:

Maturation of cytochrome p450 3a mediated drug metabolism: Towards individualized dosing in children

1. It is impossible to describe a full CYP3A maturation profile for the entire age-range based only on *in vitro* data. (*this thesis*)
2. *In vivo* studies using paradigm drugs are pivotal to describe the maturation profile for CYP3A for the entire age-range. (*this thesis*)
3. Critical illness is a major determinant of midazolam clearance in children. (*this thesis*)
4. Maturation functions for drug clearance to describe changes in the functioning of the underlying physiological system can be extrapolated from one drug to another. (*this thesis*)
5. A semi-physiological approach differentiating between different drug disposition pathways should be applied to sparse data analysis in children. (*this thesis*)
6. Mechanism-based PK/PD models differ from empirical descriptive models in that they contain specific expressions to characterize processes on the causal path between drug administration and effect. (*Danhof M et al. Pharm Res. 2005 Sep;22(9):1432-7*)
7. Studies are not designed to provide perfect information on all model parameters. (*Savic RM et al. AAPS J. 2009 September; 11(3): 558–569*)
8. Caffeine usage should be encouraged to PhD students with asthma. (*Welsh EJ et al. Cochrane Database Syst Rev. 2010 Jan 20*)
9. Familiarity is a crucial factor in making the listeners emotionally engaged with music. (*Pereira CS et al. PLoS One. 2011;6(11):e27241*)
10. Even if patients have not been readers of medical journals, they have certainly featured in their pages. (*Smith R. J R Soc Med. 2006 March; 99(3): 115–119*)
11. To see me does not necessarily mean to see my face. To understand my thoughts is to have seen me. (*Mustafa Kemal Atatürk*)

