The handle http://hdl.handle.net/1887/19947 holds various files of this Leiden University dissertation.

Author: Krekels, Elke Henriëtte Josephina
Title: Size does matter : drug glucuronidation in children
Issue Date: 2012-10-10
Propositions to the thesis:
“Size does matter – Drug glucuronidation in children.”

1. Size is a surrogate descriptor of maturation, quantifying the net result of the influence of developmental alterations in all processes underlying drug glucuronidation in children. – this thesis

2. Maturation of drug glucuronidation in children younger than three years is best described by a bodyweight-based exponential equation with an exponent of 1.44. – this thesis

3. The concept of “system-specific properties” must be extended to include temporal changes in the physiological system of the paediatric population. – M. Danhof et al., Annu. Rev. Pharmacol. Toxicol. 2007 & this thesis

4. Model evaluation and validation are critical factors in the development of population pharmacokinetic models for children. – this thesis

5. Population modeling is an essential tool in the development of evidence-based paediatric dosing algorithms.

6. While in 1892 it was stated that “If it were not for the great variability among individuals, medicine might be a science, not an art”, nowadays population modeling introduces science to the art of medicine. - based on Sir William Osler, The Principles and Practice of Medicine.

7. It is a capital mistake to theorize before one has data. Insensibly one begins to twist facts to suit theories, instead of theories to suit facts. – Sir Arthur Conan Doyle

8. Who thinks that knowledge is expensive, does not know the cost of stupidity nor what ignorance inflicts. – Alexander Rinnooy Kan

9. Modeling isn't boring. – Amber Valletta

10. The whole problem with the world is that fools and fanatics are always so certain of themselves and wiser people so full of doubt. – Bertrand Russel

11. There are two primary choices in life; to accept conditions as they exist, or accept the responsibility for changing them. – Denis Waitley

12. A good laugh and a long sleep are the two best cures for anything – Irish proverb

Elke H.J. Krekels
Leiden, 10 October 2012