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The effects of exposure to environmental chemicals on child development

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Stellingen

behorende bij het proefschrift

The effects of exposure to environmental chemicals on child development

1. Exposure to environmental chemicals can affect neurological development and behavior outcomes in children in several domains, including attention, motor development and mental development. (*this thesis*)
2. Prenatal exposure to environmental chemicals can advance pubertal development in both boys and girls. (*this thesis*)
3. Boys are more vulnerable to the harmful effect of exposure to environmental chemicals than girls. (*this thesis*)
4. Owing to the sensitivity of the prenatal period, during which essential developmental processes take place, exposure to environmental chemicals may have serious and permanent consequences for outcomes in later life. (*this thesis*)
5. One of the potential mechanisms underlying the adverse effects of organohalogenes on neurological development is through the interference of these compounds with thyroid hormone signaling in the developing brain. (*this thesis*)
6. Even relatively low prenatal exposure to PCBs may interfere with neurological development, which raises grave concern about the effects of man-made compounds on child development and underlines the importance of exercising extreme caution when it comes to using existing chemicals and to introducing new ones. (*this thesis*)
7. Het algemene belang van onderzoek naar de ontwikkeling van kinderen wordt ook een individueel belang zodra iemand moeder wordt.
8. Pass on plastic, because glass is fantastic. (*Dianna Cohen, mede-oprichter Plastic Pollution Coalition*)
9. Nothing great was ever achieved without enthusiasm. (*Ralph Waldo Emerson*)
10. Een druppel liefde is meer waard dan een oceaan vol verstand. (*Blaise Pascal*)

Sietske A. Berghuis
30 april 2018