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## Long-term consequences of neonatal glucocorticoid treatment

Liu, Yan

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by Yan Liu

1. Neonatal dexamethasone administration leads to persistent growth retardation in rats. (*This dissertation*)
2. A rebound renal inflammatory response induced by neonatal dexamethasone administration leads to renal failure in adult rats. (*This dissertation*)
3. Changes in gene profiles do not by definition predict changes in metabolic fluxes. (*This dissertation*)
4. The placenta has a crucial barrier function in protection of the foetus from maternal corticosteroids.
5. ... Therein lies the irony: the postnatal dexamethasone widely used for the treatment or prevention of bronchopulmonary dysplasia may suppress inflammation, but also may impair alveolarization and interfere with lung development. (*Thebaud et al. Pediatrics. 2001*)
6. Glucocorticoids are correctly known as “stress hormones”, particularly in the context of a PhD project.
7. The childhood shews the man / As morning shews the day. (*John Milton*)
8. What you do not want done to yourself, do not do to others. (*Analects of Confucius*)

Groningen, 7th February 2007