

# Hormone-induced changes in the coagulation system

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## Hormone-induced Changes in the Coagulation System

1. The increase of APC resistance during hormonal contraceptive use is attributable to the impaired response to APC and not to changes in basal thrombin generation. (*this thesis*)
2. The influence of oral contraceptives on the coagulation system can not be explained by the first-pass liver effect. (*this thesis*)
3. Species-specific features should be taken into account when designing coagulation tests for mice. (*this thesis*)
4. Pregnancy has completely different effects on the coagulation system in mice and in women. (*this thesis*)
5. The observation that 'APC works better' in the presence of TFPI can result from retardation of thrombin generation by APC-protein S, thereby enabling the slow TFPI-protein S system to reduce factor Xa formation even at high tissue factor concentrations. (*T.M. Hackeng et al., J Thromb Haemost. 2009*)
6. Combined hormonal contraceptives remain the first choice therapy for menorrhagia in the adolescent or adult women with van Willebrand disease who do not desire pregnancy. (*A.H. James et al. Obstet & Gynecol. 2009*)
7. Climate change is not the biggest global health threat. (*I.M. Goklany, Lancet, 2009*)
8. The patient is the one with the disease. (*Rule 4 of "House of God", S. Shem*)
9. The hypotheses we accept ought to explain phenomena which we have observed. But they ought to do more than this: our hypotheses ought to foretell phenomena which have not yet been observed. (*W. Whewell*)
10. The explanations for a failed experiment by PhD-students are clearly sex-specific. Females say: "I must have done something wrong..." Males say: "There must have been something wrong with the reagents..." (*Observation of a visiting scientist*)
11. Every experiment proves something, even if you do not know what.