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The diagnostic value of plasma thrombopoietin levels and platelet autoantibodies

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STELLINGEN BEHORENDE BIJ HET PROEFSCHRIFT

THE DIAGNOSTIC VALUE OF PLASMA THROMBOPOIETIN LEVELS AND PLATELET AUTOANTIBODIES

1. If and how heterogenous the pathogenesis of immune thrombocytopenia is cannot be deduced from detection of platelet autoantibodies and remains largely a mystery. *This thesis*
2. Finding the optimal therapy for ITP patients (and other autoimmune disorders like rheumatoid arthritis) is unfortunately still a case of trial and error. *This thesis*
3. It's the cut-off stupid. *This thesis*
4. The ITP patient support association is a great asset to patients, physicians and researchers. *This thesis*
5. Detection of HPA-5b antibodies as part of prenatal diagnostics for suspicion of bleeding in the fetus is unnecessary and causes confusion. *de Vos TW, et al. Br J Haematol. 2021*
6. Screening in pregnancy for anti-HPA-1a should be implemented, both to prevent serious bleeding in the fetus or neonate and to deepen our understanding of Fetal/Neonatal Alloimmune Thrombocytopenia (FNAIT). *de Vos TW, et al. Lancet Haematol. 2023*
7. Unfortunately, the concept that there is a difference between $\alpha 2b\beta 3$ -HPA-1a-reactive antibodies and those binding to $\alpha V\beta 3$ -HPA-1a, with the latter causing a greater risk of fetal/neonatal bleeding, is too good to be true. *Oosterhof J, et al. submitted for publication 2024*
8. The higher the sensitivity of a diagnostic test, the greater the error can be. *Porcelijn L. 2024*
9. We all produce 100 to 200 billion platelets every day and each platelet carries hundreds of thousands of structures. The efficiency of it all is astonishing. *Grozovsky R. Blood 2015*
10. 40 years can be described as a long time.. *van Houten A. 1997*
11. Earth may be the only planet in the universe where life exists. <https://science.nasa.gov>