

The diagnostic value of plasma thrombopoietin levels and platelet autoantibodies

Porcelijn, L.

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STELLINGEN BEHORENDE BIJ HET PROFESCHRIFT

THE DIAGNOSTIC VALUE OF PLASMA THROMBOPOIETIN LEVELS AND PLATELET AUTOANTIBODIES

- 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*
- 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
- 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*
- 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