

Primed to act

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Primed to act: the effect of fibrinogen γ' on thrombin functions

1. The increased risk of venous thrombosis observed in carriers of *FGG* H2 haplotype is explained by decreased plasma levels of the anticoagulant form of fibrinogen, fibrinogen γ' . (this thesis)
2. Binding of the fibrinogen γ' peptide to thrombin alters both the procoagulant and the anticoagulant functions of thrombin. (this thesis)
3. Fibrinogen γ' increases the sensitivity of normal and FV Leiden plasma to APC. (this thesis)
4. The mechanism by which fibrinogen γ' modifies thrombin functions is similar to that of thrombomodulin. (this thesis and R.A.S. Ariëns)
5. If you want to know about thrombin – measure thrombin. (D.A. Lane, introduction to the book *Thrombin* by H.C. Hemker)
6. Patients with fibrinogen deficiency are at risk of both bleeding and thrombosis. (P. de Moerloose, *Semin Thromb Hemost* 2013)
7. RNA splicing plays an unexpectedly important role in linking genetic variation to complex disease. (Y. Li, *Science* 2016)
8. The overall anticoagulant effect of the fibrinogen γ' peptide in plasma makes it a promising lead for the development of a safe antithrombotic therapy that will not increase the bleeding risk. (this thesis, valorization)
9. The loneliness of the expatriate is of an odd and complicated kind, for it is inseparable from the feeling of being free, of having escaped. (A. Gopnik, *Paris to the Moon*)
10. Travel and change of place impart new vigor to the mind. (Seneca)
11. *Blut ist ein ganz besonderer Saft.* (Mephisto in Goethe's *Faust*)