

Trombin activity in plasma : a study on its formation and inhibition

Citation for published version (APA):

Xi, M. (1988). *Trombin activity in plasma : a study on its formation and inhibition*. [Doctoral Thesis, Maastricht University]. Rijksuniversiteit Limburg. <https://doi.org/10.26481/dis.19880701mx>

Document status and date:

Published: 01/01/1988

DOI:

[10.26481/dis.19880701mx](https://doi.org/10.26481/dis.19880701mx)

Document Version:

Publisher's PDF, also known as Version of record

Please check the document version of this publication:

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STATEMENTS

1. The Josso Loop is a physiologically relevant coagulation pathway, which plays an important role when low amounts of thromboplastin are present.
2. Under oral anticoagulant therapy prothrombin is the main effective factor responsible for the antithrombotic effect.
3. SJAMP acts as an anticoagulant by its inhibitory action on thrombin and this inhibitory action towards thrombin is not only dependent on antithrombin III but also on heparin cofactor II.
4. Factor VII sensitive thromboplastins are of no value for the monitoring of oral anticoagulation.
5. One does not have to postulate a role for contact activation in order to explain haemostasis.
6. It would be worthwhile to isolate a fraction with high affinity for antithrombin III from *Stichopus japonicus* acid mucopolysaccharide.
7. The anti-factor X_a activity of heparin may or may not correlate with its antithrombotic effect.
8. A significant positive correlation between increasing age and the level of prothrombin fragments 1 + 2 in plasma does not necessarily reflect an acquired prethrombotic state (Bauer et al. 1987, J. Clin. Invest. 80: 1527-1534).
9. Longterm postoperative oral anticoagulation therapy with phenprocoumon improves significantly the probability of survival of patients after femoropopliteal vein bypass surgery, provided that a deep and stable level of anticoagulation is obtained (Kretschmer et al. 1988, Lancet 9: 797-799).

10. The amino acid composition of the urinary glycoprotein crystallisation inhibitor (GCI) as reported by Nakagawa et al. is consistent with the hypothesis that GCI is a degradation product of prothrombin. It is not clear why the authors do not take this possibility into account (Nakagawa et al. 1985, J. Clin. Invest. 76: 1455-1462).
11. By combination of traditional chinese medicine with western medicine it will be possible to treat diseases which cannot be treated by either type of medicine alone.
12. If the human brain were so simple that we could understand it, we would be so simple that we could not.
13. The fact that it is possible to sing a melody to an existing chinese text proves that the tones in a tone language are essentially different from changes in musical pitch.
14. Any sufficiently advanced technology is indistinguishable from magic.