Calibrated automated thrombinography (CAT)

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Letters-to-the-Editors-in-Chief

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In their article “Evaluation of a novel kallikrein inhibitor on haemostatic activation in vitro”, Tanaka et al. [1] use a technique for measuring thrombin generation by adding a fluorogenic substrate that we developed over the last few years [2,3], on basis of previous work with a chromogenic method [4]. By some regrettable oversight, the references to our work have been omitted. As the technique proves to be useful in a variety of clinical and laboratory situations (control of antithrombotic treatment, estimation of thrombotic and bleeding risk) [5] your readers might want to know where to find the original descriptions. We therefore add the relevant references to this letter.

References

- [1] Tanaka KA, Szlam F, Katori N, Vega JD, Levy JH. Evaluation of a novel kallikrein inhibitor on hemostatic activation in vitro. *Thromb Res* 2004;113:333–9.
- [2] Hemker HC, Giesen PL, Ramjee M, Wagenvoort R, Beguin S. The thrombogram: monitoring thrombin generation in platelet-rich plasma. *Thromb Haemost* 2000;83:589–91.
- [3] Hemker HC, Giesen P, AlDieri R, Regnault V, de Smed E, Wagenvoort R, et al. The calibrated automated thrombogram (CAT): a universal routine test for hyper- and hypocoagulability. *Pathophysiol Haemost Thromb* 2002;32:249–53.
- [4] Hemker HC, Wielders S, Kessels H, Beguin S. Continuous registration of thrombin generation in plasma, its use for the determination of the thrombin potential. *Thromb Haemost* 1993;70:617–24.
- [5] Hemker HC, Beguin S. Phenotyping the clotting system. *Thromb Haemost* 2000;84:747–51.

H.C. Hemker

Synapse BV, Cardiovascular Research Institute
Maastricht, University of Maastricht, P.O. Box 616,
6200, Maastricht, Netherlands
E-mail address: hc.hemker@thrombin.com.
Tel.: +31 43 388 1675; fax: +31 43 367 0916.

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