Investigation into discrepancies in Protein S activity assay results
Plasma Coagulation Inhibitors

- Chairman: Ian Jennings (other principal investigators: Piet Meijer, NL; Richard Marlar, US)

- Aim / Mandate of the project: To elucidate the cause of marked differences between PS activity results obtained with different manufacturers kits, and observed in multiple EQA programme distributions.

- Methodology: Samples will be collected from normal and PS deficient volunteers. Both frozen and lyophilized aliquots will be prepared; these will be sent to >20 centres employing different PS activity methods together with a common calibrator. Comparisons of normal/abnormal and frozen/lyophilized samples will be made.

- Inclusion / recruitment criteria: Participants in NEQAS and ECAT programmes and selected US centres will be identified by their methodology, and then asked to volunteer for this study.

- Year of starting: 2011

- Annual report of project: Yes, at Plasma Coagulation Inhibitors SSC

- Year of completion (expected): 2012