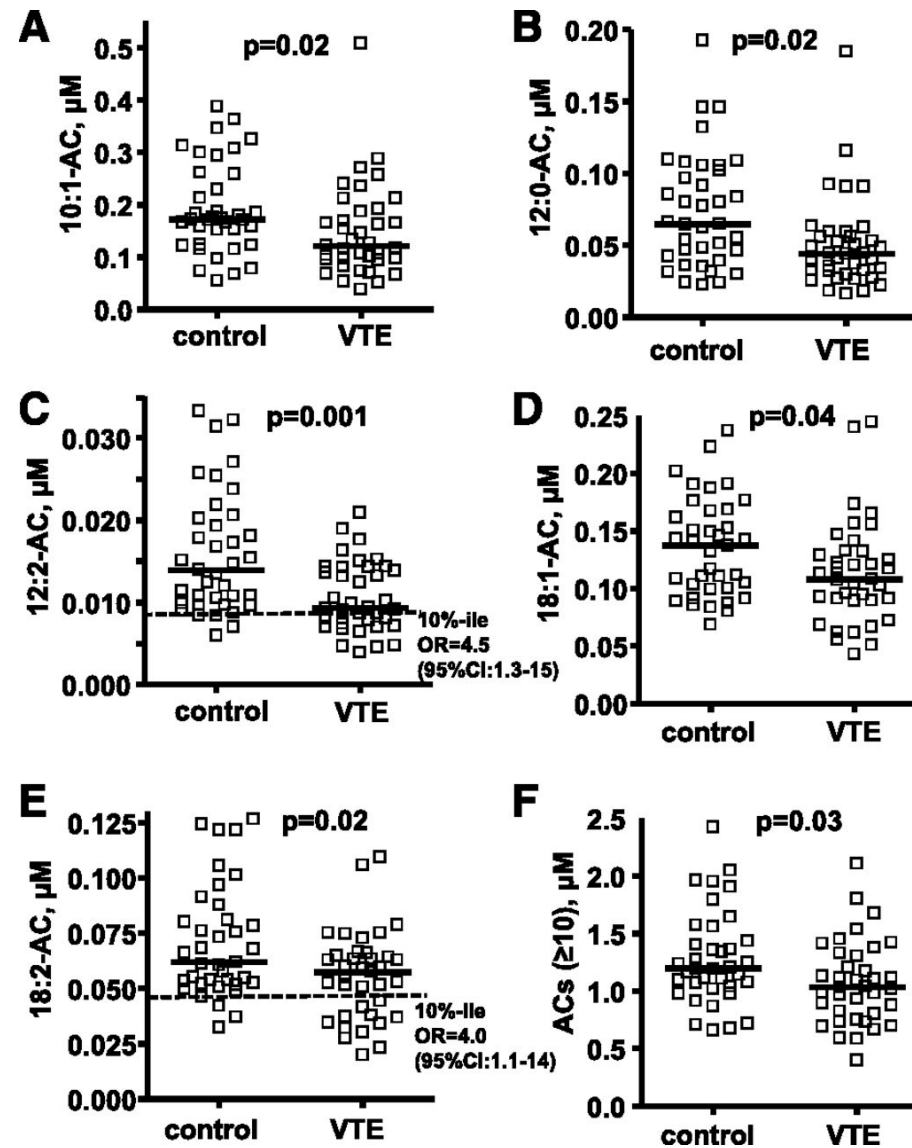


Acylcarnitines are anticoagulants that inhibit factor Xa and are reduced in venous thrombosis, based on metabolomics data

by Hiroshi Deguchi, Yajnavalka Banerjee, Sunia Trauger, Gary Siuzdak, Ewa Kalisiak, José A. Fernández, Linh Hoang, Minerva Tran, Subramanian Yegneswaran, Darlene J. Elias, and John H. Griffin

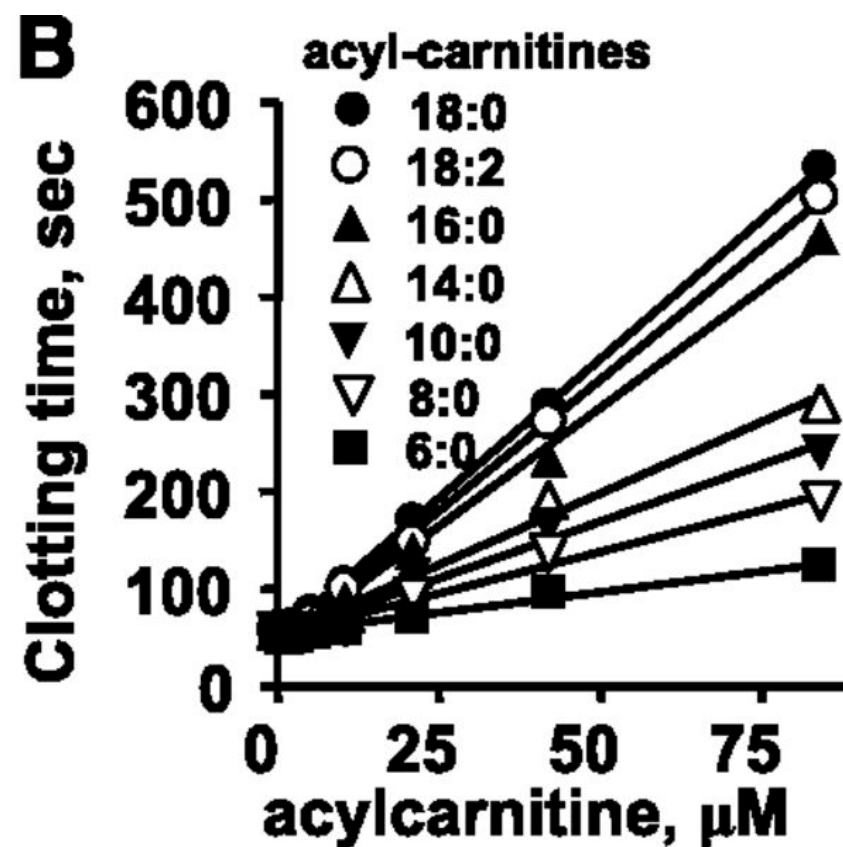
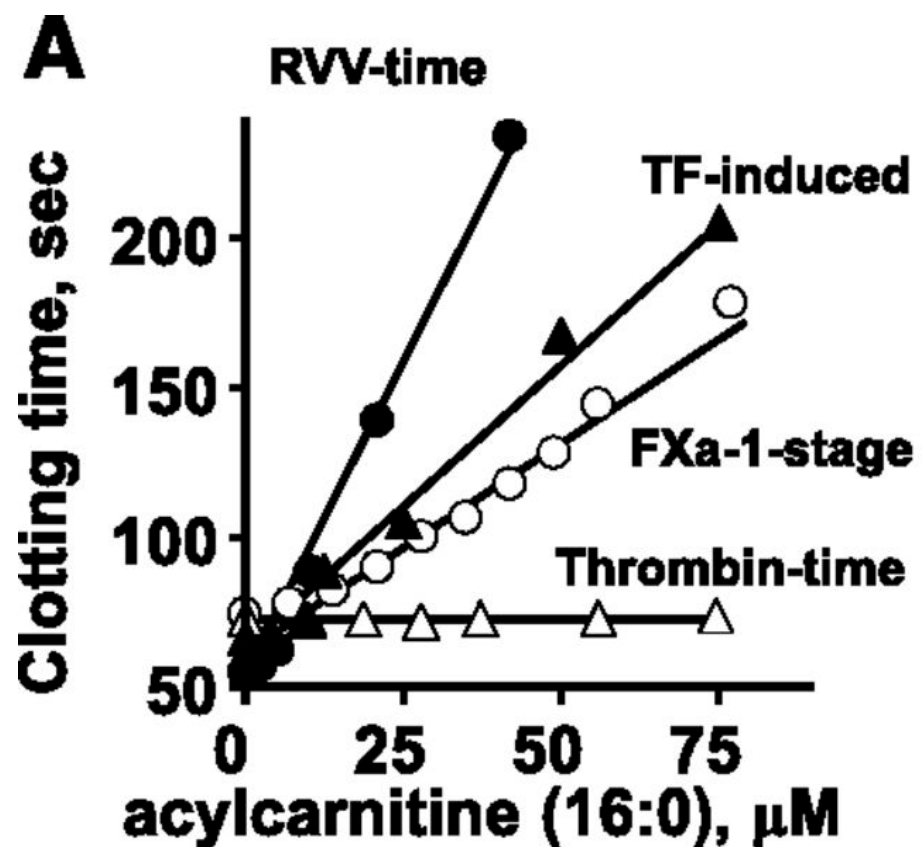
Blood
Volume 126(13):1595-1600
September 24, 2015

Targeted metabolomics data for 5 plasma AC levels show differences between 37 patients with VTE and controls.



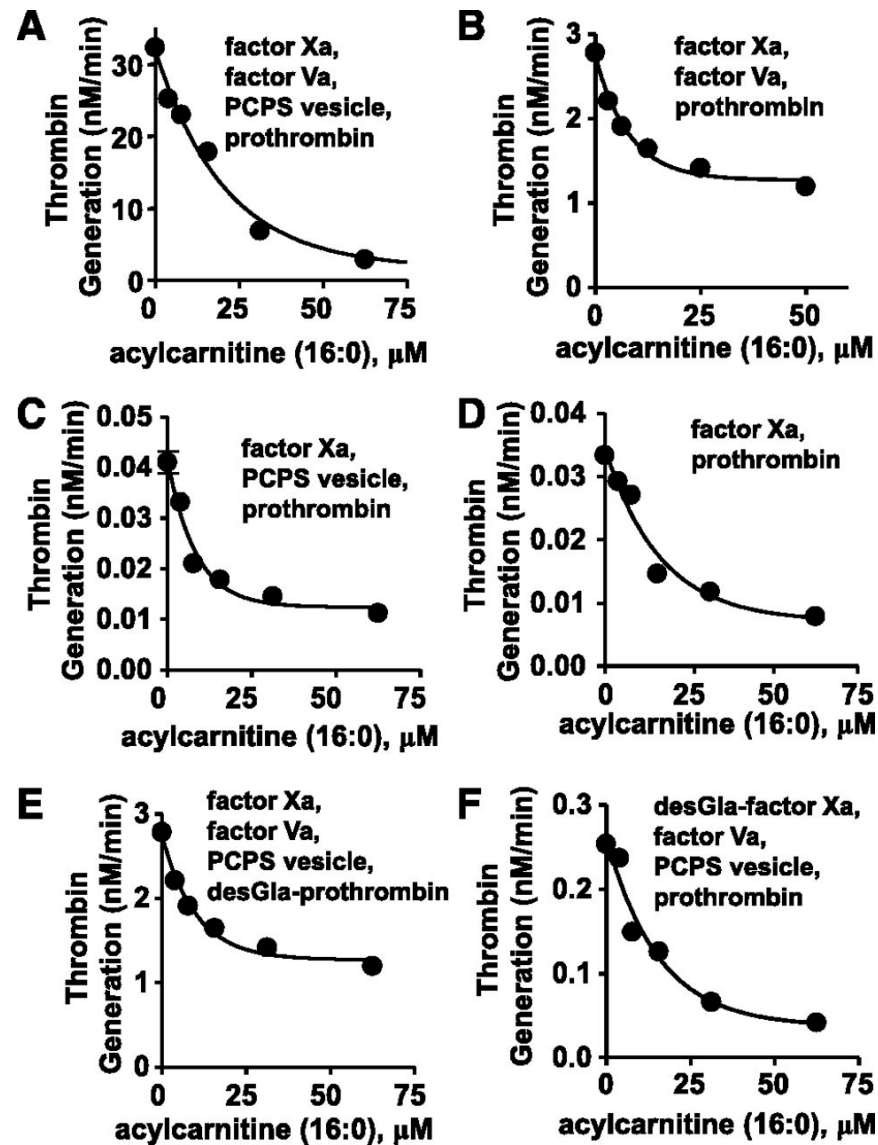
Hiroshi Deguchi et al. Blood 2015;126:1595-1600

The anticoagulant effects of long-chain ACs in different clotting assays were determined.



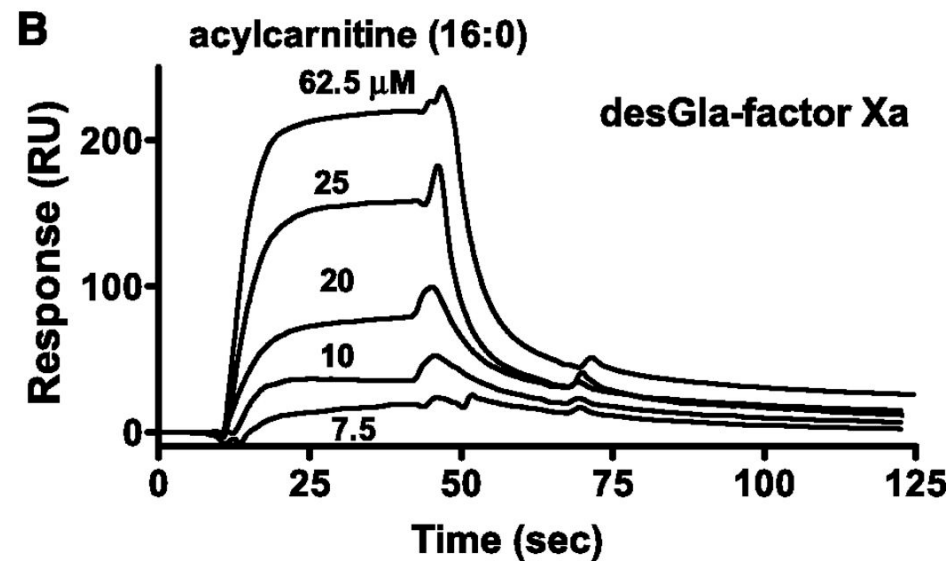
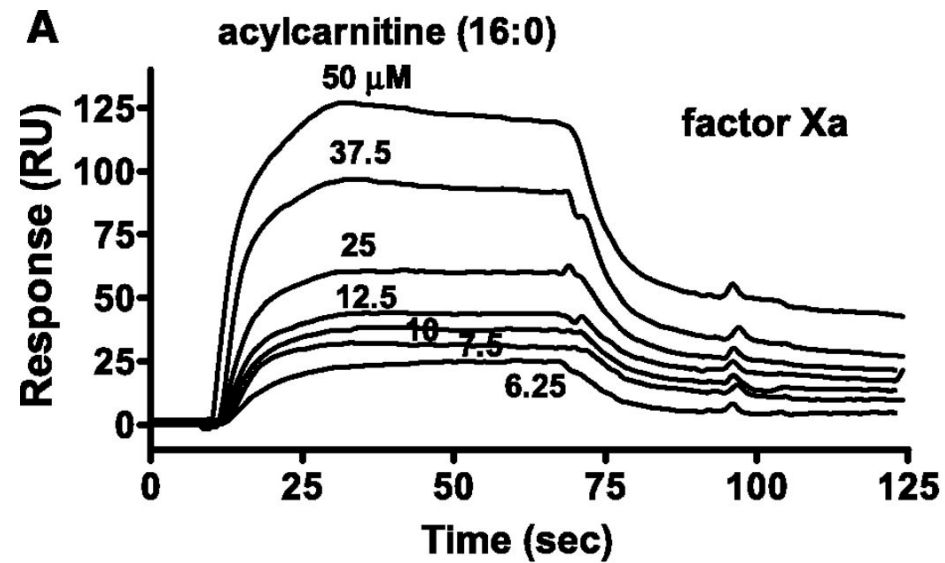
Hiroshi Deguchi et al. Blood 2015;126:1595-1600

The anticoagulant effects of 16:0 AC in prothrombinase assay were determined.



Hiroshi Deguchi et al. Blood 2015;126:1595-1600

The binding of 16:0 AC to factor Xa was determined.



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