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

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

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

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

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

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