

Wednesday, February 5th, 2014

LSC 3 - Life Sciences Centre

2350 Health Sciences Mall

12-1pm



Dr. Alisa Wolberg

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“Fibrinogen, factor XIII and red blood cells in venous thrombosis: novel mechanisms, novel therapeutic targets?”

Cardiovascular disease, including coagulation disorders, is the leading cause of death and disability worldwide. Dr. Alisa Wolberg's research focuses on pathophysiologic mechanisms in hemostasis and thrombosis, with an emphasis on biochemical and physical contributions of cells and plasma proteins to thrombin generation and clot formation, structure and stability. Dr. Wolberg will discuss recent findings on the etiologic contributions of plasma procoagulants to thrombosis, including a novel role for the fibrin-stabilizing, transglutaminase enzyme factor XIIIa in erythrocyte retention during venous thrombus formation and composition.

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