

Recent Publications - Thrombosis Research Unit

Ono A, Westein E, Hsiao S, Nesbitt WS, Hamilton JR, Schoenwaelder SM and Jackson SP. Identification of a fibrin-independent platelet contractile mechanism regulating primary hemostasis and thrombus growth. *Blood* 2008;112:90-99.

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Jackson SP and Calkin AC. The Clot thickens- oxidized lipids and thrombosis. *Nature Medicine* 2008 Sep;13(9):1015-1016.

Woollard KJ, Suhartoyo A, Harris EE, Eisenhardt SU, Jackson SP, Peter K, Dart AM, Hickey MJ and Chin-Dusting JPF. Pathophysiological levels of soluble P-selectin mediate adhesion of leukocytes to the endothelium through Mac-1 activation. *Circulation Research* 2008 Sep;103(10):1128-1138.

Frazzetto M, Suphioglu C, Zhu J, Schmidt-Kittler O, Jennings IG, Cranmer SL, Jackson SP, Kinzler KW, Vogelstein B and Thompson PE. Dissecting isoform selectivity of P13K inhibitors: the role of non-conserved residues in the catalytic pocket. *Biochemical Journal* 2008;414(3):383-390.

van der Meijden PE, Schoenwaelder SM, Feijge MAH, Cossemans JMEM, Munnix ICA, Wetzker R, Heller R, Jackson SP and Heemskerk JWM. Dual P2Y₁₂ receptor signalling in thrombin-stimulated platelets- involvement of phosphoinositide 3-kinase beta but not gamma isoform in Ca²⁺ mobilization and procoagulant activity. *FEBS Journal* 2008;275(4):371-385.

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Wei A and Jackson SP. Boosting platelet production. *Nature Medicine* 2008;14(9):917-918.

Mu FT, Andrews RK, Arthur JF, Munday AD, Cranmer SL, Jackson SP, Stomski FC, Lopez AF and Berndt MC. A functional 14-3-3{zeta}-independent association of P13-Kinase with glycoprotein Ib{alpha}, the major ligand-binding subunit of the platelet glycoprotein Ib-IX-V complex. *Blood* 2008;111(9):4580-4587.

Hamilton JR, Mountford JK, Cornelissen I and Coughlin SR. Atherosclerotic lesioning of mouse aorta occurs independently of thrombin-induced platelet activation: evidence from protease-activated receptor 4 deficient mice. *Atherosclerosis*. 2008.

Hamilton JR. Protease-activated receptors as targets for anti-platelet therapy. *Blood Reviews* 2008.

Busso N, Chobaz-Peclat V, Hamilton JR, Spee P, Wagtmann N and So A. Essential role of platelet activation via PAR-4 in tissue factor-initiated inflammation. *Arthritis Res. Ther* 2008; 10: R42.