

## Dr Colin Longstaff

### Publications

Longstaff C, Thelwell C, Williams S, Silva MCG, Szabó L, & Kolev K. The interplay between tissue plasminogen activator domains and fibrin structures in the regulation of fibrinolysis: kinetic and microscopic studies. *Blood*, 117, 661-668, 2011

Silva MCG, Thelwell C, Williams C, and Longstaff C. Regulation of fibrinolysis by C-terminal lysines operates through plasminogen and plasmin but not tissue plasminogen activator (tPA). *J Thromb Haemost*, 10, 2354-2360, 2012

Longstaff C, Varjú I, Sótónyi P, Szabó L, Krumrey M, Hoell A, Bóta A, Varga Z, Komorowicz E, & Kolev K. Mechanical stability and fibrinolytic resistance of clots containing fibrin, DNA and histones. *J Biol Chem* 288 (10) 4946-4956, 2013

Rottenberger, Z., Komorowicz, E., Szaó L., Bóta, A., Varga, Z., Machovich, R., Longstaff, C., & Kolev, K. 2013. Lytic and mechanical stability of clots composed of fibrin and blood vessel wall components. *J Thromb Haemost* 11, (3) 529-538, 2013

Smith, E., Vekaria, R., Brown, K.A., & Longstaff, C. 2013. Kinetic regulation of the binding of prothrombin to phospholipid membranes. *Molecular and Cellular Biochemistry*, 382, (1-2) 193-201, 2013

Kovács, A., Szabó, L., Longstaff, C., Tenekedjiev, K., Machovich, R., & Kolev, K. Ambivalent roles of carboxypeptidase B in the lytic susceptibility of fibrin. *Thromb Res* 133, 80-7, 2014

Longstaff, C, Thelwell, T & Rigsby, P. A collaborative study to replace the WHO 1<sup>st</sup> International Standard for High Molecular Weight Urokinase. *Journal of Thrombosis and Haemostasis*, 12, 415-7, 2014

Thelwell, C, & Longstaff C. Biosimilars: the process is the product. The example of recombinant streptokinase. *Journal of Thrombosis and Haemostasis*, DOI: 10.1111/jth.12629 in press