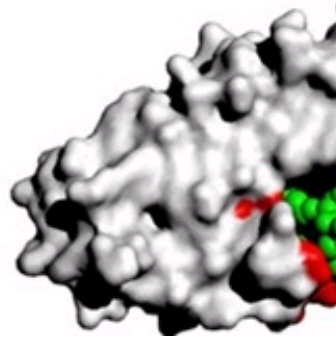


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The molecular 'grip' of thrombosis

Mon, 07 Sep 2009 10:12:00 GMT

PA 226/09

New research at The University of Nottingham could help prevent the harmful blood clots associated with heart disease and stroke, the single greatest cause of disease-related death worldwide.

Scientists have gained new insights into the coagulation of blood in a study which could pave the way for new treatments aimed at preventing thrombosis — clots in the blood that obstruct the flow of blood through the circulatory system — as well as treatment of the inherited bleeding disorder thrombotic thrombocytopenic purpura.

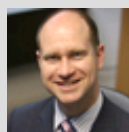
These conditions arise from defects in the process of blood coagulation in the heart or brain. Now, for the first time, in a study funded by the Wellcome Trust, University of Nottingham scientists have revealed the 'hand-like' molecular structure of a receptor from the surface of platelets that can trigger blood clots.

[Click here for full story](#)



Story Credits

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