

Name: **Hetty C. de Boer**

Position: **Associate Professor**

Bio (between 100-130 words):

Initially trained in Biochemistry and Cell Biology at the University Medical Center in Utrecht, Dr H.C. de Boer obtained her PhD at the Thrombosis and Haemostasis Laboratory with the thesis entitled “Interaction of antithrombin III and α 2-Macroglobulin with endothelial cells and their function in the inhibition of locally formed thrombin”.

Her current work focusses on the interaction of platelets with endothelial cells and extracellular matrix and studies the role of platelets in the activation of coagulation and vascular regeneration.

Despite the a-nuclear nature of platelets, they contain the complete machinery to splice pre-mRNA and recently the platelet transcriptome was found highly enriched for circular RNAs. These circular RNAs may be transferred from platelets to endothelial cells in case of vascular injury, where they may be involved in vascular regeneration.

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