**SEPARATION OF BLOOD AND LYMPHATIC CIRCULATION BY ACTIVATION OF PLATELETS VIA THE LYMPHATIC ENDOTHELIUM MUCIN PODOPLANIN**

**(Arial 11, CAPITALS, bold, color: black. *The title should contain the main contents of the abstract*)**

**John B. Muster, Peter D. Another (Arial 11, bold, color: black. *The presenting author's name should be first*)**

Institute xxxx, University of xxxx (Arial 11)

During embryonic development, lymph sacs form from the cardinal vein, and sprout centrifugally to form mature lymphatic networks. Separation of the lymphatic from the blood circulation by a hitherto unknown mechanism is essential for the homeostatic function of the lymphatic system. ---------------------------------- Therefore, interaction of endothelial podoplanin of the developing lymph sac with circulating platelets from the cardinal vein is critical for separating the lymphatic from the blood vascular system. (Arial 11, *the allowed maximum number of words including spaces is 250. Do not include any blank lines, and do not give subheadings in the text. Do not include tables or figures).*

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