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

**(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*)**

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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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