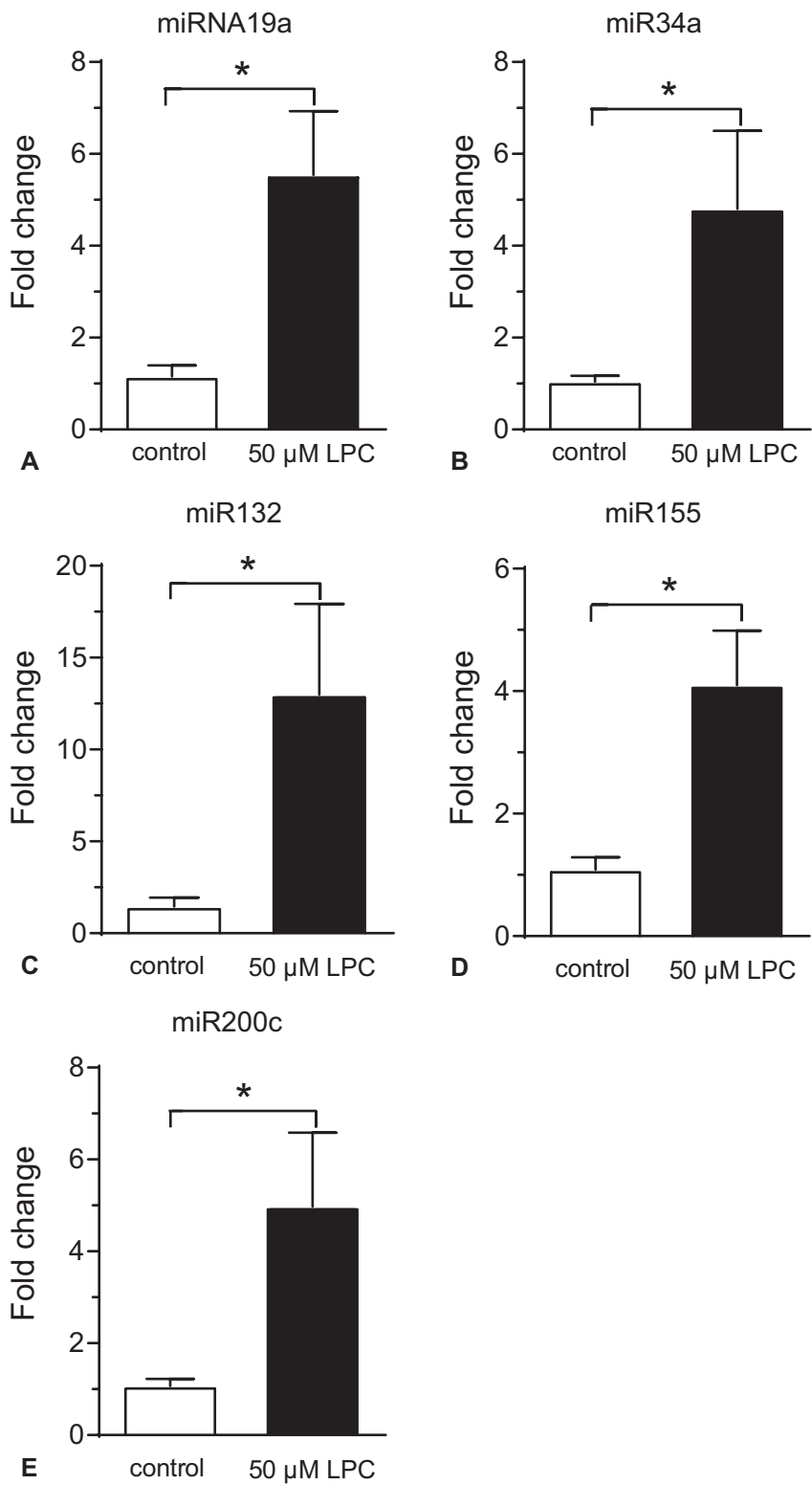


**Supplementary Fig. S1** Characterization of platelet-derived microvesicles (PMVs). PMVs are gated by forward light scatter (FSC) and sideward light scatter (SSC) as shown in contour plot of flow cytometric data (A). PMVs generated by activating platelets with 20  $\mu$ M adenosine diphosphate (ADP) were further characterized using contour plots in flow cytometry by binding of annexin V (expression of phosphatidylserine [PS]) (B), expression of CD41 (C), CD42b (D) and CD61 (E). PMVs released from resting platelets and from ADP- (20  $\mu$ M), thrombin- (0.1 U/mL) and collagen (10  $\mu$ g/mL)-activated platelets were systematically compared with regards to annexin V binding (F) and expression of CD41 (G), CD42b (H) and CD61 (I).



**Supplementary Fig. S2** Lysophosphatidylcholine (LPC) micelles induce expression of inflammatory micro-ribonucleic acid (microRNA) in human endothelial cells. LPC micelles induce several inflammatory microRNAs in human umbilical vein endothelial cells (HUVECs), indicating the pro-inflammatory effects of LPC on endothelial cells. \* $p < 0.05$ ,  $n = 6$ .