

Correction

Human Neutrophil Peptides Mediate Endothelial-Monocyte Interaction, Foam Cell Formation, and Platelet Activation: Correction

In the article by Quinn et al which appeared in the September 2011 issue of the journal (*Arterioscler Thromb Vasc Biol.* 2011;31:2070–2079. DOI: 10.1161/ATVBAHA.111.227116), a presentation error was introduced in Figure 5. The corrected version and the legend appear below. The online version has been corrected.

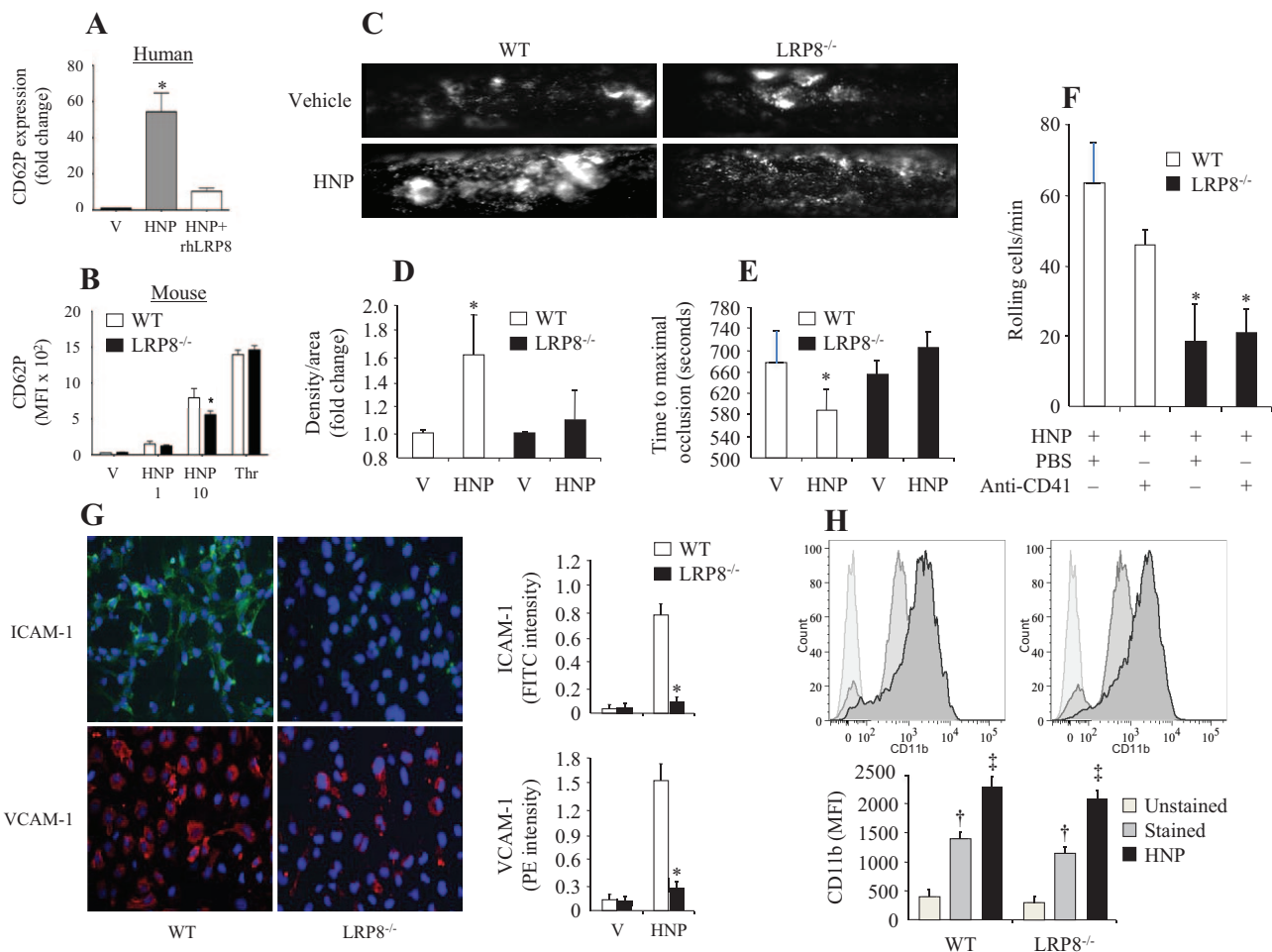


Figure 5. Low-density lipoprotein receptor-related protein 8 (LRP8) plays a role in the human neutrophil peptide (HNP)-induced platelet activation and leukocyte rolling. **A**, Surface expression of CD62P in human platelet-rich plasma (PRP) after stimulation with vehicle control (V) or HNPs (10 $\mu\text{g}/\text{mL}$) in the presence or absence of recombinant human LRP8 (rhLRP8) ($n=7$ experiments). **B**, Surface expression of CD62P in murine PRP isolated from wild-type (WT) or LRP8^{-/-} mice after incubation with HNPs (1 or 10 $\mu\text{g}/\text{mL}$) or thrombin (5 U/mL) ($n=7$ experiments). **C**, Representative images of platelet aggregation under fluorescence intravital microscope in WT and LRP8^{-/-} mice 4 hours after intravenous injection of HNPs. Low-dose FeCl₃ was topically dropped on carotid artery to stimulate platelet aggregation. **D**, Mean values of fluorescent density of platelets deposited on the vessel wall 5 minutes after FeCl₃. **E**, Time required reaching maximal vessel occlusion in mice treated with HNPs. **F**, Platelet LRP8 is not required for increasing leukocyte rolling. Platelets were depleted by intraperitoneal injection of rat anti-mouse CD41 monoclonal antibody (2 μg per mouse) in WT and LRP8^{-/-} mice 24 hours before intravenous injection of HNPs. Leukocyte rolling in carotid artery was monitored by intravital microscopy 4 hours after receiving HNPs. **G**, Expression of intercellular adhesion molecule-1 (ICAM-1) and vascular cell adhesion molecule-1 (VCAM-1) in response to HNP stimulation (10 $\mu\text{g}/\text{mL}$) for 4 hours by primary endothelial cells isolated from WT and LRP8^{-/-} mice ($n=5$). **H**, Expression of CD11b in response to HNP stimulation (10 $\mu\text{g}/\text{mL}$) for 1 hour by primary monocytes isolated from bone marrow of WT and LRP8^{-/-} mice ($n=5$). * $P < 0.05$ vs WT under identical conditions, † $P < 0.05$ vs unstained, ‡ $P < 0.05$ vs stained.

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