

Homozygous *Smpd1* deficiency aggravates brain ischemia/ reperfusion injury by mechanisms involving polymorphonuclear neutrophils, whereas heterozygous *Smpd1* deficiency protects against mild focal cerebral ischemia

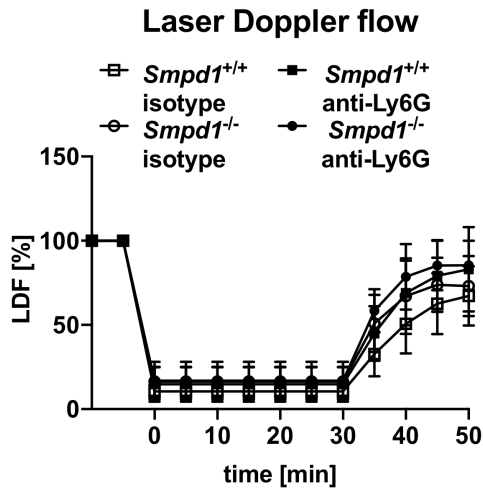
Basic research in Cardiology

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Supplementary Figure 6



Supplementary Figure 6. PMN depletion does not influence cerebral laser Doppler flow (LDF). LDF above the core of the vascular territory of the middle cerebral artery of 8-week-old male *Smpd1*^{+/+} or *Smpd1*^{-/-} mice, which were treated with isotype antibody (as control) or PMN-depleting anti-Ly6G antibody 24 hours before and 24 hours after 30 minutes of MCAO followed by animal sacrifice 72 hours after reperfusion. Data are means ± SDs. No significant differences were noted between groups (n=7-10 animals per group).