

SUPPLEMENTAL DATA

DHA 12-LOX-derived oxylipins regulate platelet activation and thrombus formation through a PKA-dependent signaling pathway

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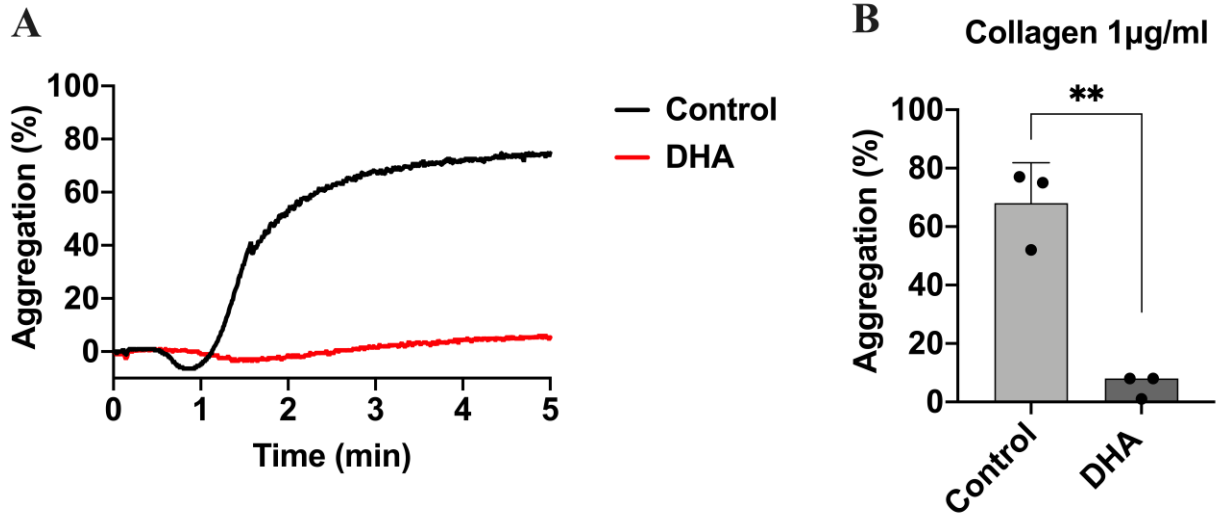
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Supplemental Video 1. Platelet (green) and fibrin (red) accumulation following laser-induced injury to the cremaster muscle arteriole of a WT mouse treated with vehicle control.

Supplemental Video 2. Platelet (green) and fibrin (red) accumulation following laser-induced injury to the cremaster muscle arteriole of a WT mouse treated with DHA.

Supplemental Video 3. Platelet (green) and fibrin (red) accumulation following laser-induced injury to the cremaster muscle arteriole of a WT mouse treated with 11-HDHA.

Supplemental Video 4. Platelet (green) and fibrin (red) accumulation following laser-induced injury to the cremaster muscle arteriole of a WT mouse treated with 14-HDHA.



Supplemental Figure 1. The effects of DHA on mouse platelet aggregation. A) Representative image of mouse washed platelets incubated with DMSO (Control) or DHA (10 µM) for 10 minutes prior to stimulation with B) collagen 1 µg/ml (n=3). Data represents mean ± SD. A two-tailed, paired *t* test was performed. Asterisks denote statistical difference: **P<0.01.