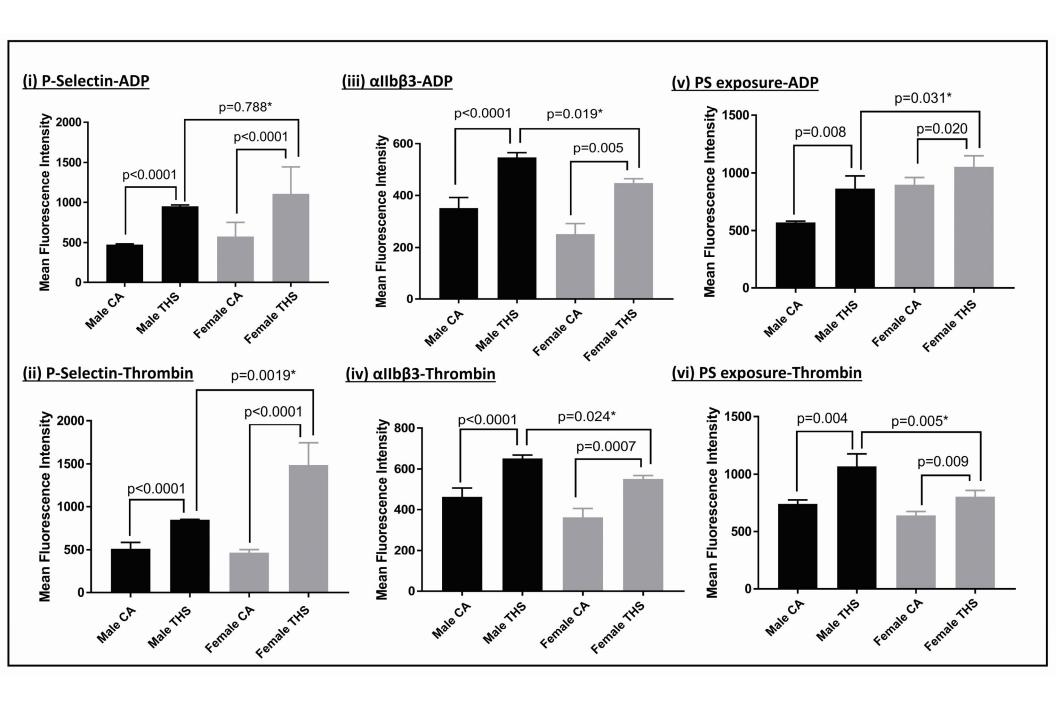
SUPPLEMENTARY APPENDIX

In utero thirdhand smoke exposure modulates platelet function in a sex-dependent manner

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Supplementary Figure Legends

Figure S1: Flowcytometric analyses of platelet activation markers; α -granule secretion (P-selectin), GPIIb-IIIa (α IIb β 3) activation and phosphatidylserine (PS) exposure in the exposed male and female mice compared to their CA-exposed counterparts.

(i & ii) Washed platelets from THS *in utero* clean air–exposed mice incubated with FITC–conjugated CD62P antibody (for α -granules), and the fluorescent intensities were measured by flow cytometry after stimulation with 5 μ mol/L ADP (i) or 0.1 U/mL thrombin (ii).

(iii, iv) Platelets from THS *in utero* exposed and clean air–exposed mice were prepared, washed incubated with PE-conjugated JON/A antibody, and the fluorescent intensities were measured by flow cytometry after stimulation with 5 μmol/L ADP (iii) or 0.1 U/mL thrombin (iv).

(v & vi) Washed platelets from THS- and clean air *in utero*–exposed mice incubated with FITC-conjugated Annexin V antibody, and the fluorescent intensities were measured by flow cytometry after stimulation with 5 μmol/L ADP (iii) or 0.1 U/mL thrombin (iv). Average mean fluorescence intensities shown. The experiment was repeated 3X, with blood pooled from at least 6-8 mice each time.

*Female and male data compared and p value calculated by two-way ANOVA while comparison within the same sex was done using student's t-test. CA and THS refer to Clean Air and Thirdhand Smoke respectively. Error bars represent Standard Deviation.