**Supplementary Figure 1**  A) Systolic and B) diastolic carotid arterial blood pressures (CAP), D) peak-systolic and E) end-diastolic pulmonary blood flows (PBF) and F) peak-systolic and G) end-diastolic carotid arterial blood flows (CaBF) measured at control (Fetal, F), at the end of the asphyxia period (A) and upon return of spontaneous circulation (ROSC) in ICC+SI<sub>ing</sub> (blue), PBCC+SI<sub>ing</sub> (red), ICC+SI<sub>cont</sub> (green) and PBCC+SI<sub>cont</sub> (purple) lambs. Data are mean ± SEM. * indicates significant differences p<0.05 with comparisons shown on graphs.