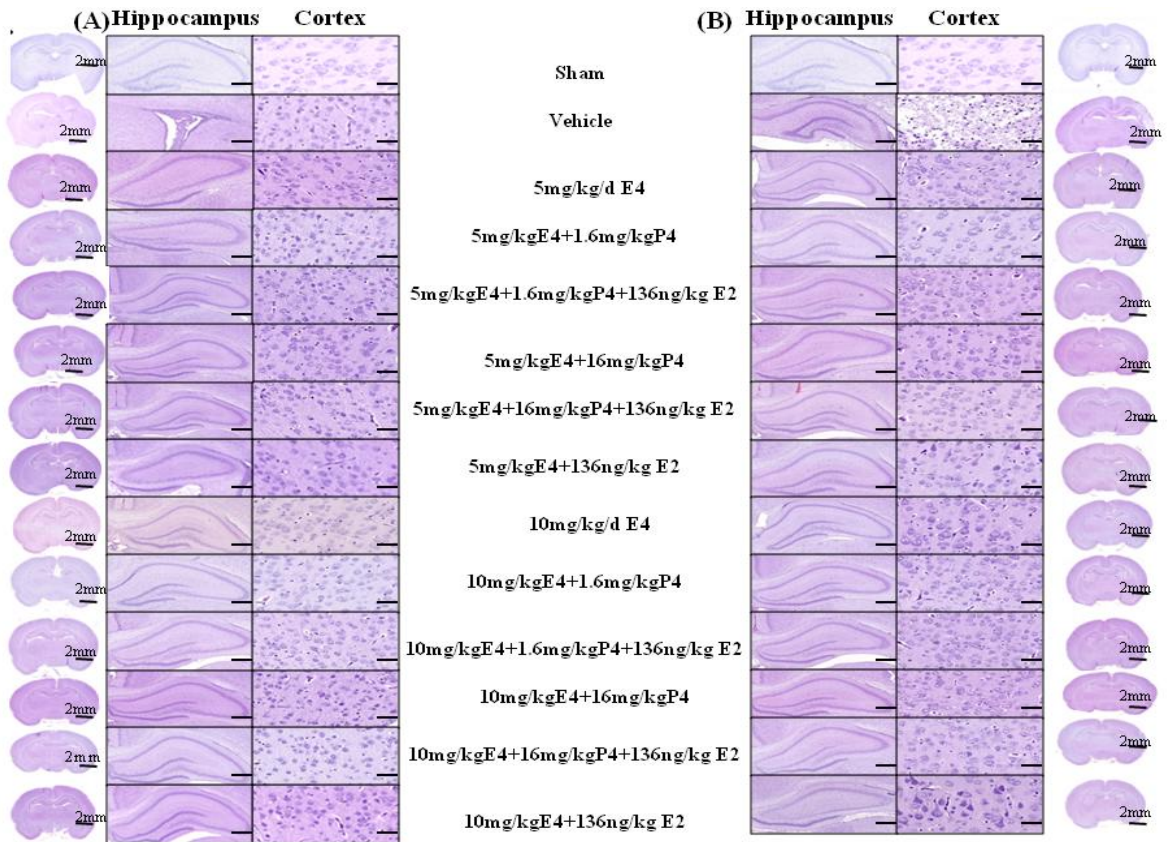


Use of Estetrol with other Steroids for Attenuation of Neonatal Hypoxic-Ischemic brain injury: to combine or not to combine?

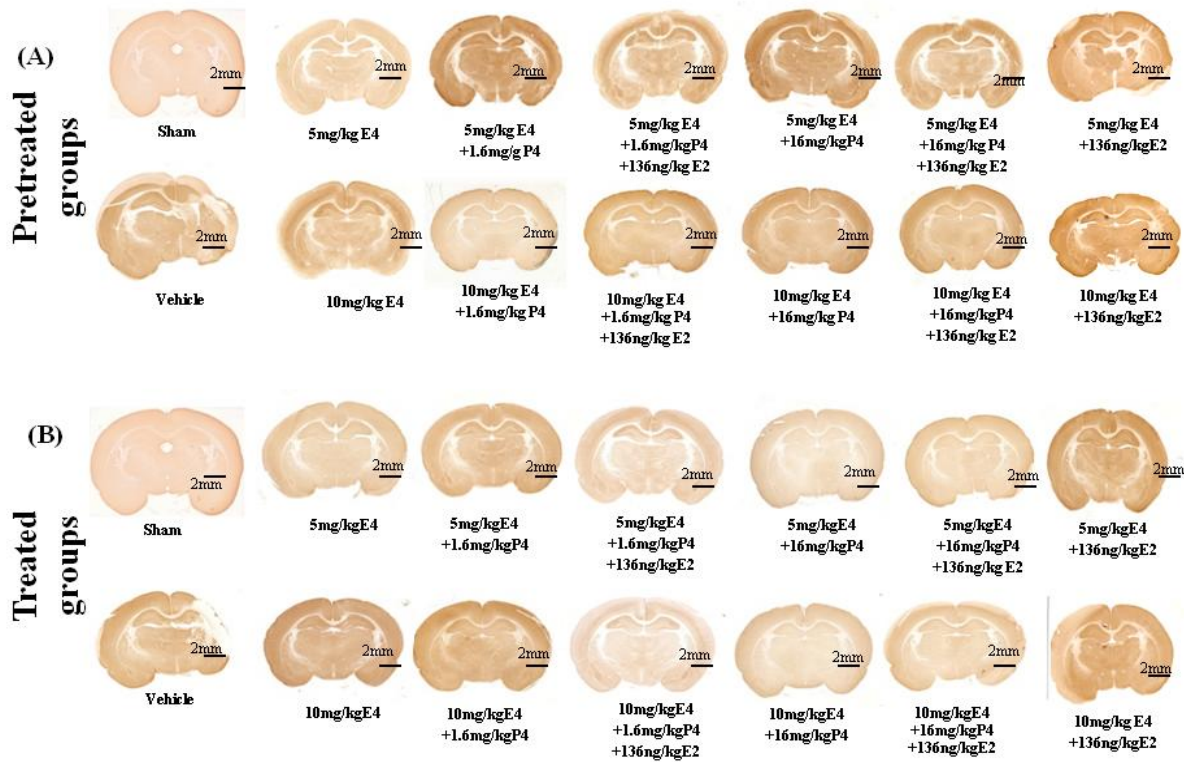
Supplementary Material



Supplementary Figure 1. Representative views of Hematoxylin-eosin-stained brain coronal sections from rat pups pretreated/treated by E4 alone or in combination with P4 and/or E2.

Paraffin embedded brain samples were sliced into 5 μ m-thick coronal sections at the hippocampus level. Sections were deparaffinized and rehydrated and hematoxylin and eosin staining was performed. Brain coronal sections (Scale bar: 2mm) with hippocampus region

(Scale bar: 500 μ m), and the cortex (Scale bar: 100 μ m) from pretreated (A) and treated (B) study groups are presented.



Supplementary Figure 2. Representative views of MAP2-stained coronal brain sections from groups pretreated or treated with E4 alone or in combination with P4 and/or E2.

From left to right are presented MAP2 stained sections from pretreated (A) and treated (B) groups. In sections from the vehicle pretreated/treated animals was observed an existence of MAP2 negatively stained areas in the hippocampus and the cortex at the left, damaged side.

Scale bar: 2 mm.