

Supplementary materials

Distinct effects of beta-amyloid, its isomerized and phosphorylated forms on the redox status and mitochondrial functioning of the blood-brain barrier endothelium

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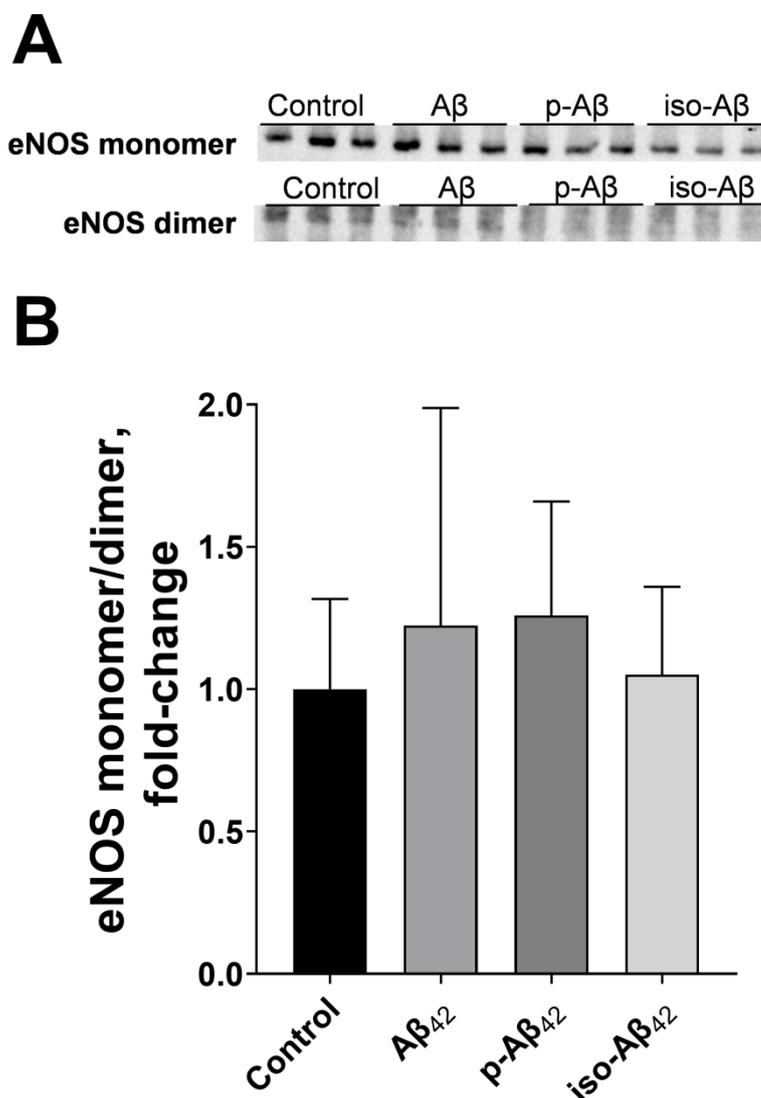


Figure S1. The effects of beta-amyloid isoforms on endothelial nitric oxide synthase (eNOS) monomer/dimer ratio in bEnd.3 cells. Cells were incubated for 24 hours with 10 μ M of A β ₄₂, p-A β ₄₂ and iso-A β ₄₂. eNOS monomer/dimer ratio was measured with Western blot. **(A)** The representative blots and **(B)** the corresponding eNOS monomer/dimer ratio are presented. The

values in the control samples are taken as 1. Mean values \pm SD from three independent experiments are shown.

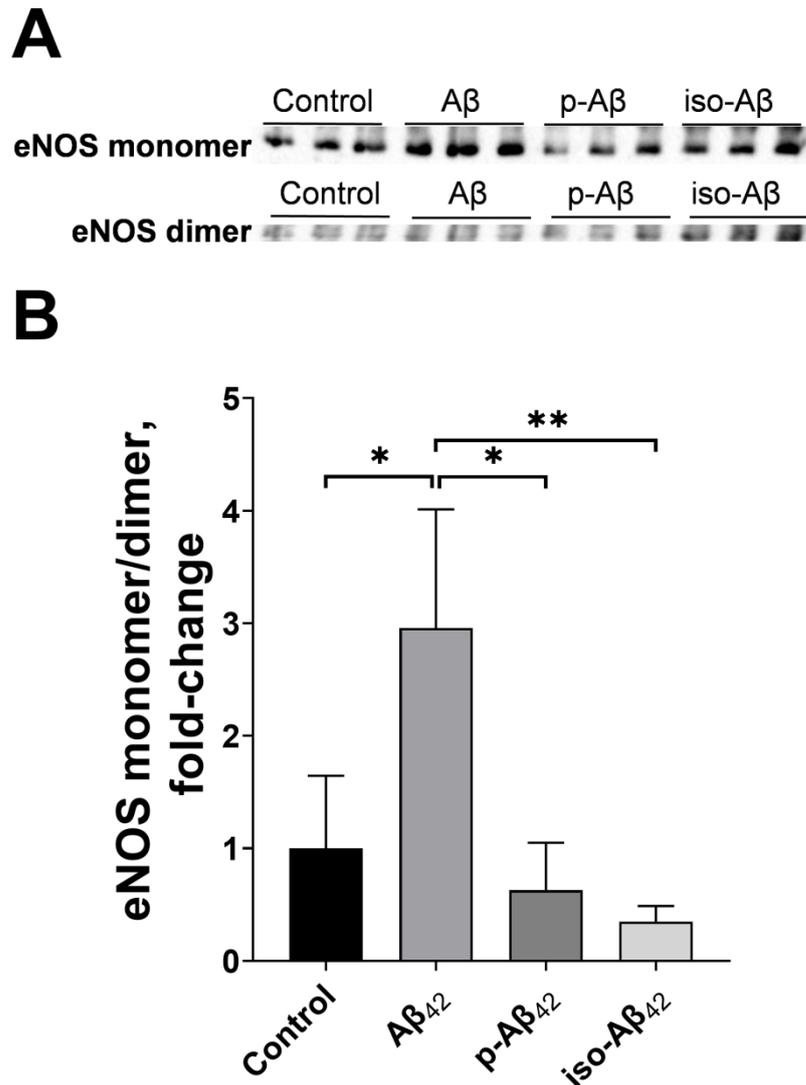


Figure S2. The effects of beta-amyloid isoforms on endothelial nitric oxide synthase (eNOS) monomer/dimer ratio in bEnd.3 cells. Cells were incubated for 48 hours with 10 μ M of A β_{42} , p-A β_{42} and iso-A β_{42} . eNOS monomer/dimer ratio was measured with Western blot. **(A)** The representative blots and **(B)** the corresponding eNOS monomer/dimer ratio are presented. The values in the control samples are taken as 1. Mean values \pm SD from three independent experiments are shown. * - $p < 0.05$, ** - $p < 0.01$.