

Supplemental Material

**Myeloperoxidase Is Increased in Human Cerebral Aneurysms and Increases
Formation and Rupture of Cerebral Aneurysms in Mice**

Chu et al.

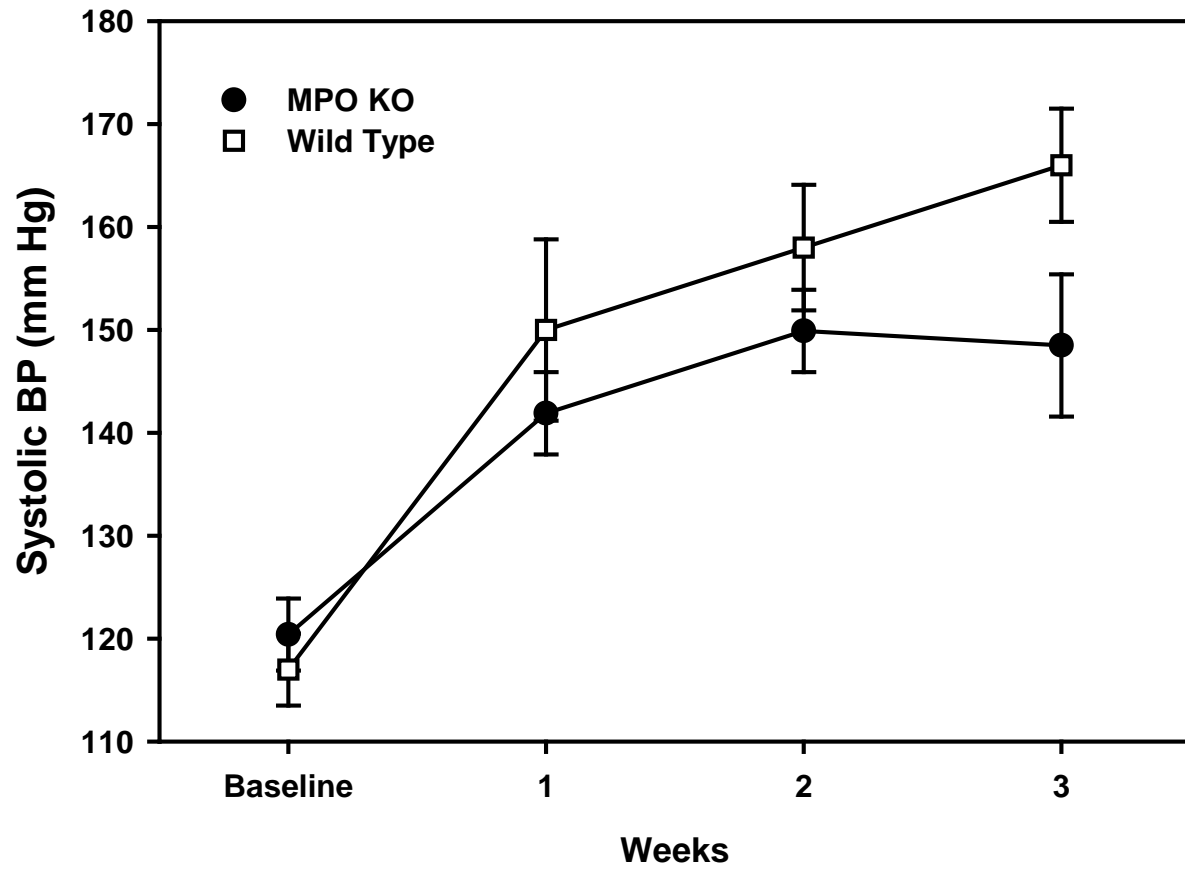
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Supplemental Table I: TaqMan Primers/probes used in the study

Gene	Catalog Number	Company
Mouse:		
TNF α	Mm99999068_m1	Life Technologies
COX2	Mm00478374_m1	Life Technologies
CXCL1	Mm.PT.58.42076891	Integrated DNA Technologies
MMP8	Mm.PT.58.6942600	Integrated DNA Technologies
CD68	Mm03047343_m1	Life Technologies
α SMA	Mm01546133_m1	Life Technologies
MMP3	Mm00440295_m1	Life Technologies
MMP9	Mm.PT.58.10100097	Integrated DNA Technologies
MMP13	Mm01168713_m1	Life Technologies
β -actin (VIC)	4352341E	Life Technologies
Human:		
VCAM1	Hs.PT.56a.38466338	Integrated DNA Technologies
ICAM1	Hs.PT.56a.4746364	Integrated DNA Technologies
SOD2 (MnSOD)	Hs00167309_m1	Life Technologies
NOX4	Hs00418356_m1	Life Technologies
β -actin (HEX)	Hs.PT.39a.22214847	Integrated DNA Technologies

Supplemental Figure I. Systolic blood pressure was measured at baseline and weekly following induction of aneurysm and mini-pump implantation. Pressures were significantly elevated after mini-pump implantation. There was no significant difference in blood pressure between MPO KO and wild type controls at any time point.



Supplemental Figure II. Expression of MMP9, MMP3, and MMP13 in cerebral arteries of WT and MPO KO mice 17-19 days after CA induction. mRNA levels were quantified using TaqMan $\Delta\Delta C_t$ method, with normalization to β -actin in the same reaction. * = $p < 0.05$ vs. WT

