Fig. S1
**Fig. S1.** The effect of NO scavenging and NOS inhibition on NO responses.

**A.** Average normalized traces of fluorescence with corresponding s.e.m. for cells loaded with DAF-FM through the patch pipette. The black trace represents control NO responses (same as in Fig. 2D, 3, 6). The grey trace shows the effect of addition of ferrous hemoglobin (10mg/ml) to the patch pipette solution (n=6). The asterisks indicate that the data from the two traces at given time points are significantly different ($p<0.05$).

**B.** Average traces of NO responses detected amperometrically with corresponding s.e.m. in a pancreatic acinar cell suspension (approximately $5\times10^6$ cells/ml) using ISO-NOPMC sensor without (upper trace, n=7) and in the presence (bottom trace, n=10) of NOS blockers L-NAME and 7-NI (100 µM each). Arrows show timing of ACh addition to the chamber.