



Supplementary Figure S1: Effects of CPPs on SR Ca²⁺ leak and releasable Ca²⁺ in soleus and EDL. Soleus (**A**) and EDL (**B**) homogenates were incubated with TAT, Arg₉, or Arg₁₁, and compared with untreated control preparations (Ctr). Representative recordings (left panels) and mean measurements (remaining panels) illustrate effects on raw SR Ca²⁺ leak, releasable SR [Ca²⁺], and leak normalized to releasable [Ca²⁺]. Paired measurements of SR Ca²⁺ uptake are presented in Fig. 4. Data are presented as mean ± SEM. Statistical analyses were performed by one-way ANOVA with Tukey's post-hoc correction. P values are indicated versus Ctr. NS = not statistically significant. n_{runs} in Ctr, TAT, Arg₉, Arg₁₁ = 6, 5, 6, 6 in homogenates from 4 soleus muscles; 7, 5, 6, 5 in homogenates from 4 EDL muscles.