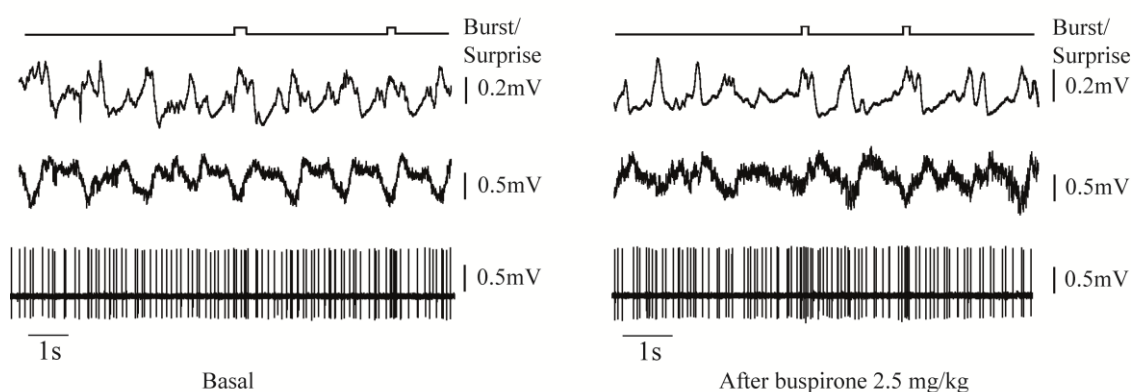
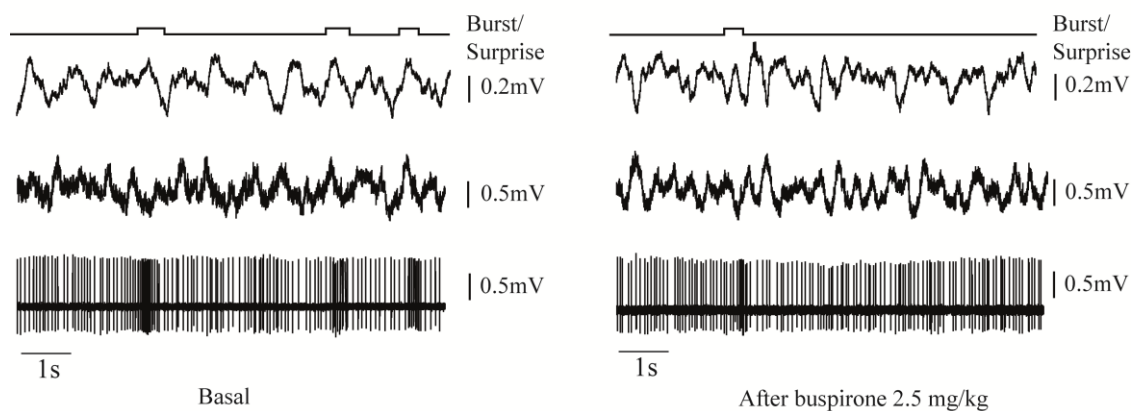


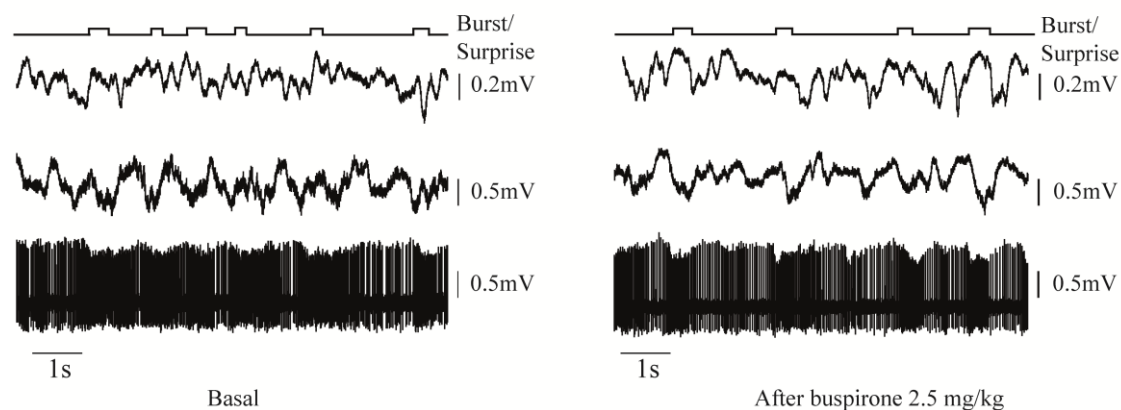
SNr neuron from sham rat



SNr neuron from 6-OHDA rat



SNr neuron from 6-OHDA L-DOPA rat



Supplementary Figure 2. Effect of buspirone on SNr spike trains and oscillatory activity of the SNr and the cortex. On the left, a recording track containing SNr spikes, SNr-LFP and ECoG from the basal neuron-firing pattern in the sham, 6-OHDA and 6-OHDA group. On the right, a recording track containing SNr spikes, SNr-LFP and ECoG from the same neurons after buspirone administration (2.5 mg/kg, i.v.). Note that buspirone did not alter burst-exhibiting pattern in sham group while buspirone reduce it in 6-OHDA and 6-OHDA L-DOPA groups.