

B72 Abstract#12426









Out ultimate goal is to relate PcG and TrxG induced changes in channel function to neuronal excitability and their roles in neuronal response to ischemia.

Regulation of neuronal ion channel activity by Polycomb and Trithorax group proteins, in unexpected manners

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METHODS

proteins with PcG or TrxG protein inhibition A. Decreased levels of mUbH2A with BMI-1 inhibition. B. Decreased levels of H3K4me3 with MLL-1 inhibition.





