

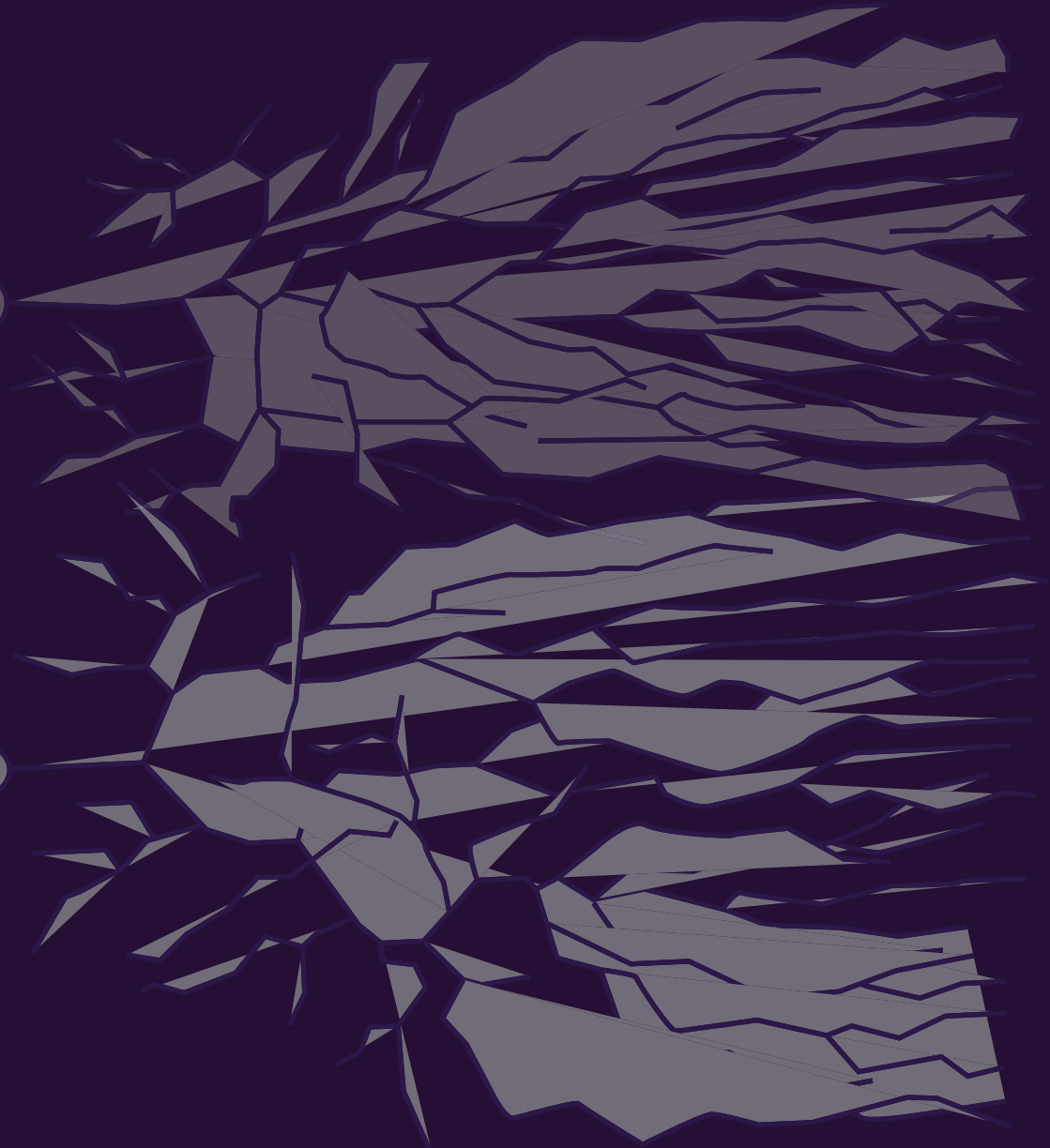
Modern neuroscience is paving the way for new insight into cerebellar functions including the control of cognitive, autonomic and emotional processes. Yet, how the cerebellum contributes to complex motor behaviors, such as locomotion, is still only partially understood. Here, we have investigated the contribution of the cerebellum to locomotion from the perspective of studies performed on mutant mouse lines generated through genetic engineering techniques. Specifically, our observations have allowed us to link particular alterations in various cellular process in the cortical cerebellar network with gait impairments.



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