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## Cells of the Cerebellum

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submissions:

**closed (30 September 2022)**

### Message from the Guest Editors

Dear Colleagues,

The cerebellum is a highly organized brain structure that is well known for its roles in motor coordination and learning. More recently, the cerebellum has also been implicated in cognitive function. Detailed understanding of the anatomical and physiological properties of cerebellar neurons, dating back over centuries, has greatly contributed to our understanding of how the cerebellum processes information and contributes to behavior. However, recent applications of single-cell physiology, optogenetics and transcriptomics make clear that there is still much to be learned about the cellular composition of the cerebellum and the circuits that cerebellar neurons form. This Special Issue focuses on novel insights into the cellular and circuit organization of the cerebellum, to advance our understanding of cerebellar function in health and disease.

### Keywords:

cerebellar neurons;  
cerebellar synapses;  
cerebellar circuit organization;  
cerebellar function;  
cerebellar disorders;  
cerebellar learning and behavior



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**Special Issue**



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