# Special Issue

# Cells of the Cerebellum

## Message from the Guest Editors

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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## Deadline for manuscript submissions

closed (30 September 2022)

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*Cells* has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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