

Diagram illustrating the arrangement of parallel fibers and Golgi cells in the cerebellar cortex. The diagram shows two parallel fibers, labeled 1 and 2, running horizontally. Golgi cells are shown as small, star-shaped cells with multiple processes extending to the parallel fibers. Climbing fibers are shown as long, thin fibers extending vertically from the granule cells. The diagram also shows the arrangement of granule cells and Golgi cells in the granule layer.

Labels in the diagram:

- 平行纤维 1 (Parallel fiber 1)
- 平行纤维 2 (Parallel fiber 2)
- 颗粒细胞 (Granule cell)
- 浦肯野细胞 (Purkinje cell)
- 攀缘纤维 (Climbing fiber)
- 下橄榄 (Inferior olive)

Diagram illustrating the process of parallel fiber adaptation:

- Initial State:** Parallel fiber 1 and parallel fiber 2 are shown. A test is conducted.
- Adaptation Phase:** Parallel fiber 1 is stimulated (indicated by an orange bar). The output of parallel fiber 1 decreases (indicated by a shorter line).
- Test Phase:** After adaptation, a test is conducted again, showing the reduced output of parallel fiber 1.

动

攀缘纤维
激活

适应新装载

适应之后