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American Association for the Advancement of Science was founded in 1848 and incorporated in 1874. Its objects to further the work of scientists, to facilitate cooperation among them, to foster scientific freedom and responsibility, to advance the effectiveness of science in the promotion of human welfare, and to increase public understanding and realization of the importance and promise of the methods of science in human progress.

COVER

Interference contrast photomicrograph of a hypothalamic neuron (close to the ventral surface of the brainstem) retrogradely labeled with wheat germ agglutinin–horseradish peroxidase after injection in feline cerebellar cortex. The demonstration of a hypothalamocerebellar projection introduces a pathway through which cerebellum may be directly influenced by higher autonomic centers (about x3900). See page 591. [Espen Dietrichs, Anatomical Institute, University of Oslo, Oslo 1, Norway]