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Cover picture: Immunofluorescent visualization of a Purkinje cell in the cerebellum of an adult rhesus monkey after reaction with antibody to cyclic guanosine 3′:5′-monophosphate-dependent protein kinase. This enzyme is localized in high concentrations within Purkinje cells and appears first at midgestation concomitantly with the establishment of synaptic contacts. Micrograph, which was published in J. Neuroscience, 1984, 4: 2553-2564, provided by P. Levitt, P. Rakic, P. De Camilli and P. Greengard.