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Cover picture: A freshly dissociated astrocyte isolated from the optic nerve of the salamander. The glial cell in this fluorescence micrograph is labeled with a monoclonal antibody to the intermediate filament protein GFAP (glial fibrillary acidic protein). Amphibian astrocytes and retinal glial (Müller) cells possess an electrogenic Na^+/HCO_3^- cotransport system. In salamander Müller cells, the cotransporter is localized primarily to the cell endfoot and transports approximately three HCO_3^- along with one Na^+ . This glial cell cotransporter may play a role in pH regulation in the CNS. See Newman, pp. 3972–3983. Photograph by the author.

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