Adult mudpuppy (Necturus maculosus). This large aquatic salamander has been used frequently in physiological studies because cells throughout its body are exceptionally large. The eyes of this animal are used to show that glial cells in the retina normally buffer light-evoked changes in intraretinal potassium concentration. See page 578. [Photograph by W. B. Pavlik, Department of Psychology, University of Georgia].

562 Detection of Cs in the Circumstellar Shell of IRC+10216: P. F. Bernath, K. H. Hinkle, J. J. Keedy
566 API/jun Function Is Differentially Induced in Promotion-Sensitive and Resistant JB6 Cells: L. R. Bernstein and N. H. Colburn
580 Diffusible Factors Essential for Epidermal Cell Redifferentiation in Catharanthus roseus: B. A. Siegel and J. A. Verbeke
582 Commitment of Mouse Fibroblasts to Adipocyte Differentiation by DNA Transfection: S. Chen, L. C. Teicher, D. Kazim, R. E. Pollack, L. S. Wise

AAAS Meetings

588 1990 Annual Meeting: Call for Poster Papers

Book Reviews

590 Proceedings of a Workshop on Optical Surveys for Quasars, reviewed by D. C. Koo

Products & Materials

593 Image Synthesis, Graphics Generation Software ■ Cell Culture Starter Kit ■ Transfer Solution for RNA Blotting ■ Disposable Filter for Media ■ Calculator Replaces Statistical Tables ■ Optical Micropositioner ■ Literature