



**FIGURE 23.37.** The single-celled ciliate *Stentor coeruleus* can recover from gross disruption. The normal cell (0.5- to 1-mm long) has a series of pigmented stripes (*left*). These change smoothly in width around the cell, except along a line where thin stripes meet thick (*front right of cell*). If a ring of tissue is excised surgically, the normal pattern is restored within a few days, even though the manipulated cell is much smaller.

23.37, redrawn from Kirschner M. et al., *Cell* **100**: 79–88, © 2000 Elsevier