



EARLY HUMAN DEVELOPMENT is controlled in part by the polarity of newly formed cells. Electron micrographs show a cross section of a sperm still in the testis (1) and as it nears the much larger egg (2). At 22 days after fertilization, the cells of the neural crest (yellow, 3) have not yet joined to form the tube that gives rise to the brain and spine, which are distinctly visible at six weeks (4).