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**COVER** Color-enhanced tissue section from a human ovarian epithelial carcinoma. The tumor cells contain >fivefold amplification of the HER-2/*neu* proto-oncogene. The section is immunostained with antibody to the HER-2/*neu* protein. The typical cystic nature of the tumor can be seen, and there is intense membrane staining (brown color) of the tumor cells lining the cystic structures. Stromal cells and nonmalignant elements are unstained, indicating the absence of the protein ( $\times 100$ ). See page 707. [Photograph by D. J. Slamon, Department of Medicine, UCLA School of Medicine, Los Angeles, CA 90024, and M. F. Press, Department of Pathology, University of Southern California School of Medicine, Los Angeles, CA 90033]

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