A confocal image of a HeLa cell 72 hours after Yip1A depletion by RNAi. The endoplasmic reticulum (ER) is shown in red (anti-PDI) and the Golgi in green (GFP-GalNacT2). The ER has been transformed from a dispersed, cisternal, and tubular-reticular network into stacked and concentrically whorled membranes. The Golgi is fragmented, although cisternal organization appears unaffected. See the article by Dykstra et al. on p. 1556 of the May 1, 2010, issue of *MBoC*. (Image: Kaitlyn Dykstra, Carnegie Mellon University, Pittsburgh, PA)

**Molecular Biology of the Cell**

*The Philosophy of Molecular Biology of the Cell*

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