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About the Cover:

T-47D cell nuclei stained with DAPI (blue) reveal two newly formed cells, products of a recent cell division, as their chromosomes begin to decondense in early telophase. See the article below by Will Renthal for a review of cell cycle checkpoints and the molecules involved in the decision making process.

(Photo: Courtesy of Bahram Razani and Dr. Rainer B. Lanz, Baylor College of Medicine)