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Cover picture: Triple immunofluorescence staining of COS-7 cells transiently transfected to overexpress myc-tagged p50 subunit (dynamin) of the dynactin complex. (*blue*) Anti-p50myc; (*green*) anti-tubulin; and (*red*) CREST autoimmune anti-centromere antiserum. Mitotic overexpressing cells such as the one at left are blocked in a prometaphase-like state, with microtubule-associated but unaligned chromosomes, and varying degrees of spindle distortions. The control cell on the right shows a normal bipolar prometaphase spindle with chromosomes at various stages of congression. Image is an overlay of three through-focus projections of 21 *x/y* optical sections each, acquired by confocal microscopy at 0.4 μm *z*-increments. See related article by Echeverri et al., 617–633.

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