Journal of Cell Science

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Journal of Cell Science publishes critical work over the full range of cell biology. Papers are called for that deal with all aspects of both prokaryotic and eukaryotic cells, the single most important criterion for acceptance being that they should significantly advance understanding of cell organization. Theoretical papers and occasional reviews are published. Short surveys of topical subjects appear in each issue under the general title Commentary.

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Cover picture
Polarized light video micrographs of an isolated diatom spindle, processed in pseudocolor so that increasing values of birefringent retardation are represented by cooler colors. Top panel shows spindle as isolated, middle panel shows spindle after exogenous tubulin incorporation in the spindle midzone, bottom panel shows spindle after incubation in ATP. See the paper in this issue by Dr T. I. Baskin and Dr W. Z. Cande.