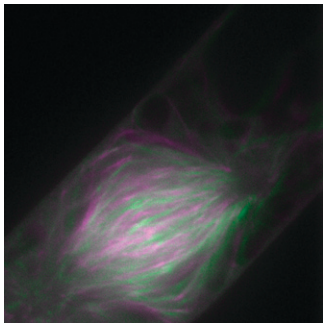
THE
PLANT
CELL

Volume 20 Number 11 November 2008

The electronic form of this issue, available at www.plantcell.org, is the journal of record.

ON THE COVER



In plant cells, the phragmoplast is a key feature that orchestrates cell plate formation and the final stages of cell division. Hiwatashi et al. (pages 3094–3106) investigate the function of two novel plant-specific kinesins in phragmoplast formation in the moss *Physcomitrella patens*. These kinesins are found to play a key role in cross-linking antiparallel microtubules in the phragmoplast. The cover shows a merged image of a phragmoplast of transgenic *P. patens* expressing a GFP-α-tubulin fusion protein taken at two intervals during cell division (green, first frame; magenta, 40-s interval), showing interdigitation of antiparallel microtubules at the phragmoplast equator.

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[C] Some figures in this article are displayed in color online but in black and white in the print edition.

[W] Online version contains Web-only data.

[OA] Open Access articles can be viewed online without a subscription.

The Plant Cell (ISSN 1040-4651, online ISSN 1531-298X) is published monthly (one volume per year) by the American Society of Plant Biologists, 15501 Monona Drive, Rockville, MD 20855-2768, and is produced by Dartmouth Journal Services, Waterbury, VT. The institutional price for the print and online versions is based on type of institution; contact institution@aspb.org. A subscription includes both *The Plant Cell* and *Plant Physiology;* single copies may be purchased for $75 each, plus $7 shipping (U.S.) or $9 (outside U.S.). Members of the American Society of Plant Biologists may subscribe to *The Plant Cell* for $185. Nonmember individuals may subscribe for $375. For matters regarding subscriptions, contact Suzanne Cholwek, ASPB, 15501 Monona Drive, Rockville, MD 20855-2768; telephone 301/296-0926; fax 301/251-6740; e-mail scholwek@aspb.org. Notify ASPB in writing within 3 months (domestic) or 6 months (foreign) of issue date, and defective copies or copies lost in the mail will be replaced. Send all inquiries regarding display advertising to FASEB AdNet, 9650 Rockville Pike, Bethesda, MD 20814-3998; telephone 301/634-7791; fax 301/634-7153; e-mail adnet@faseb.org. Periodicals postage paid at Rockville, MD 20850, and at additional mailing offices.

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