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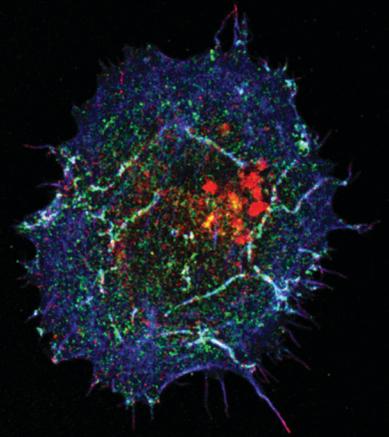
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Articles with related stories in the IN THIS ISSUE section have page numbers in **RED**; articles related to the IN FOCUS feature have page numbers in **BLUE**.



On the cover

A breast cancer cell expressing the collagen receptor DDR1 (red) and constitutively-active Cdc42 (green) forms linear invadosomes, extracellular matrix-degrading structures that contain F-actin (blue). Juin et al. reveal that DDR1 induces the formation of linear invadosomes by activating Cdc42 through the guanine nucleotide exchange factor Tuba.

Image © 2014 Juin et al.

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STIM1- and Orai1-mediated Ca^{2+} oscillation orchestrates invadopodium formation and melanoma invasion

Jianwei Sun, Fujian Lu, Huifang He, Junling Shen, Jane Messina, Rahel Mathew, Dapeng Wang, Amod A. Sarnaik, Wei-Chiao Chang, Minjung Kim, Heping Cheng, and Shengyu Yang

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MicroRNA-214 controls skin and hair follicle development by modulating the activity of the Wnt pathway

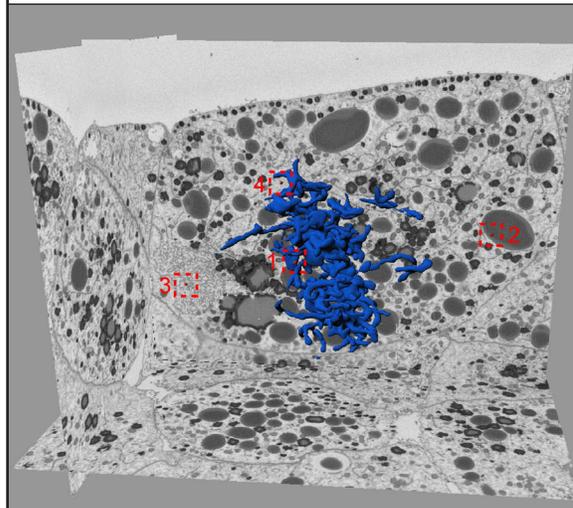
Mohammed I. Ahmed, Majid Alam, Vladimir U. Emelyanov, Krzysztof Poterlowicz, Ankit Patel, Andrey A. Sharov, Andrei N. Mardaryev, and Natalia V. Botchkareva

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ADP ribosylation adapts an ER chaperone response to short-term fluctuations in unfolded protein load

Joseph E. Chambers, Kseniya Petrova, Giulia Tomba, Michele Vendruscolo, and David Ron



Jones et al. demonstrate that knocking down dynein light intermediate chains 1 and 2 compromises centrosome integrity and induces the formation of multipolar mitotic spindles. 3View electron microscopy of a *Xenopus* embryo lacking both dynein light intermediate chains shows that each spindle pole contains a single centriole (red). Chromosomes are labeled blue. Image © 2014 Jones et al. **See page 499.**