On the cover
A sweeping wave of cell death (blue) removes epithelial cells from a developing fly wing.
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NudE/NudEL (red) recruits dynactin (green) to the kinetochore, but then remains there long after dynactin has departed to the spindle pole. See page 583.

SCAPER, a novel cyclin A–interacting protein that regulates cell cycle progression
William Y. Tsang, Leyu Wang, Zhihong Chen, Irma Sánchez, and Brian David Dynlacht

Sox9 regulates cell proliferation and is required for Paneth cell differentiation in the intestinal epithelium
Pauline Bastide, Charbel Darido, Julie Pannequin, Ralf Kist, Sylvie Robine, Christiane Marty-Double, Frédéric Bibeau, Gérald Scherer, Dominique Joubert, Frédéric Hollande, Philippe Blache, and Philippe Jay

Cells that express MyoD mRNA in the epiblast are stably committed to the skeletal muscle lineage
Jacquelyn Gerhart, Christine Neely, Justin Elder, Jessica Pfautz, Jordanna Perlman, Luis Narciso, Kerstî K. Linask, Karen Knudsen, and Mindy George-Weinstein

Barrier to autointegration factor blocks premature cell fusion and maintains adult muscle integrity in C. elegans
Ayelet Margalit, Esther Neufeld, Naomi Feinstein, Katherine L. Wilson, Benjamin Podbielwicz, and Yosef Gruenbaum

Src kinase activity and SH2 domain regulate the dynamics of Src association with lipid and protein targets
Dmitry E. Shvartsman, John C. Donaldson, Begoña Díaz, Orit Gutman, G. Steven Martin, and Yoav I. Henis

Activation of NMDA receptors promotes dendritic spine development through MMP-mediated ICAM-5 cleavage
Li Tian, Michael Stefanidakis, Lin Ning, Philippe Van Lint, Henrietta Nyman-Huttunen, Claude Libert, Shigeoishi Ichara, Masayoshi Mishina, Heikki Rauvala, and Carl G. Gahmberg

CD98hc (SLC3A2) participates in fibronectin matrix assembly by mediating integrin signaling
Chloé C. Féral, Andries Zijlstra, Eugène Tkachenko, Gerald Frager, Margaret I. Gardel, Marina Slepak, and Mark H. Ginsberg

 Corrections

Two ways to condense
Alla Katsnelson

The mechanics of nuclear envelope (green) breakdown are revealed in a newly developed in vitro assay. See page 595.