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Netrin Throws Anchor Cells into the Breach

Hippo Herds Border Cells Together
BMP Provides a Gut Check to Stem Cells
Self-Assembly Puts PopZ in Pole Position
Distributing Dynamic Cadherin Complexes

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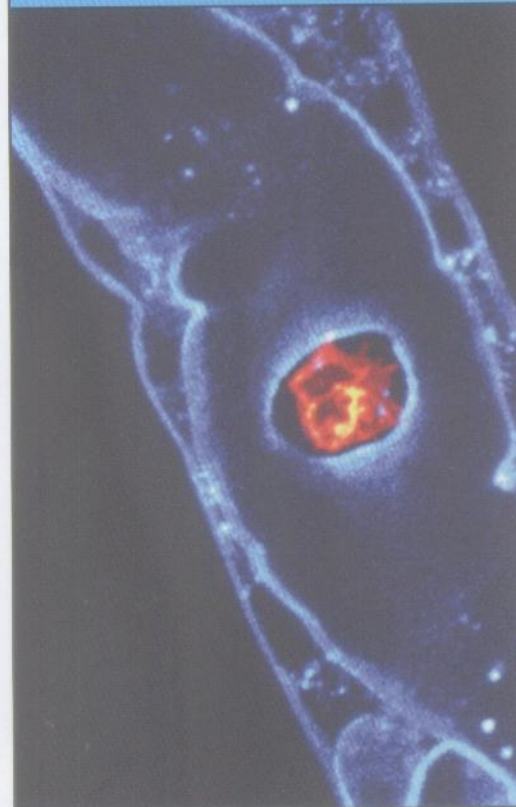
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On the cover

During the development of *C. elegans* hermaphrodites, the uterine anchor cell (orange) invades through basement membrane (blue) to establish the uterine-vulval connection required for mating and egg laying. Hagedorn et al. demonstrate that localized netrin signaling focuses invadopodia-driven invasion by the anchor cell.

Image © 2013 Hagedorn et al.
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887 Dynamic microtubules produce an asymmetric E-cadherin–Bazooka complex to maintain segment boundaries

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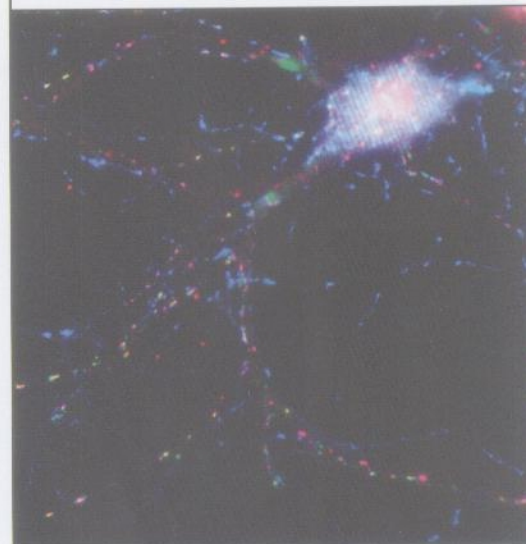
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945 Injury-induced BMP signaling negatively regulates *Drosophila* midgut homeostasis

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Woo et al. identify IgSF9b, a homophilic adhesion molecule that promotes the development of inhibitory synapses. In cultured hippocampal neurons, IgSF9b (green) and the scaffold protein gephyrin (red) localize to distinct, but interconnected, domains of inhibitory synapses (blue).

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