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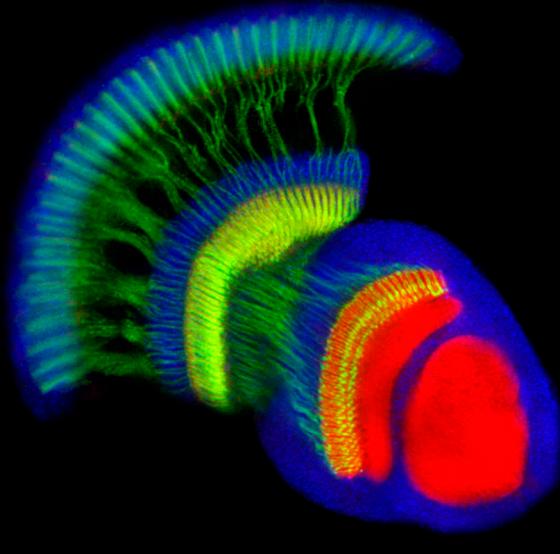
Nebulin regulates actin filament lengths by a stabilization mechanism

Christopher T. Pappas, Paul A. Krieg, and Carol C. Gregorio

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Multiple mechanisms collectively regulate clathrin-mediated endocytosis of the epidermal growth factor receptor

Lai Kuan Goh, Fangtian Huang, Woong Kim, Steven Gygi, and Alexander Sorkin



On the cover

In the *Drosophila* visual system, photoreceptor neurons (green) project toward the optic lobe and form synaptic connections in the neuropil (red). Nuclei are labeled blue. Williamson et al. show that the neuron-specific v-ATPase subunit v100 has a dual function in sorting and degrading proteins through the endolysosomal pathway, protecting the photoreceptors from neurodegeneration.

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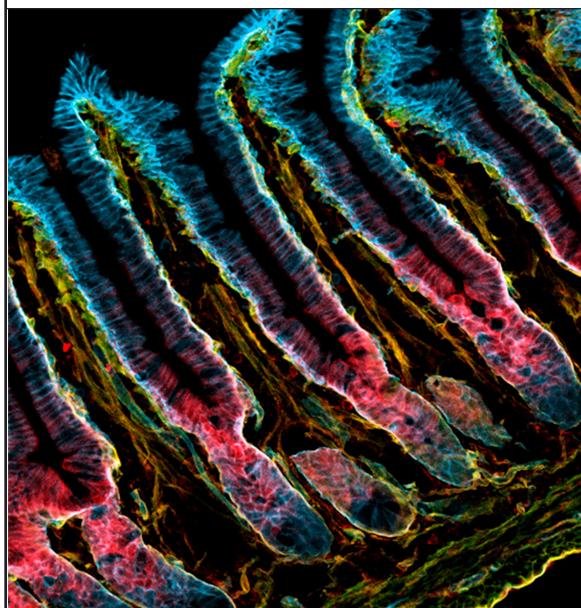
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A dual function of V0-ATPase a1 provides an endolysosomal degradation mechanism in *Drosophila melanogaster* photoreceptors
W. Ryan Williamson, Dong Wang, Adam S. Haberman, and P. Robin Hiesinger

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Laminin-based cell adhesion anchors microtubule plus ends to the epithelial cell basal cortex through LL5 α/β

Azusa Hotta, Tomomi Kawakatsu, Tomoya Nakatani, Toshitaka Sato, Chiyuki Matsui, Taiko Sukezane, Tsuyoshi Akagi, Tomoko Hamaji, Ilya Grigoriev, Anna Akhmanova, Yoshimi Takai, and Yuko Mimori-Kiyosue



Hotta et al. reveal how signaling from the extracellular matrix stabilizes basal microtubules in epithelial cells. The microtubule-anchoring factors LL5s (red) colocalize at the basal cortex of mouse intestinal cells with integrin $\alpha 6$ (cyan) and the laminin basement membrane (green).
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