



Cover: Fruit flies sense tastants through gustatory receptors located on their legs. This cover art depicts time-lapse photography (left to right, top to bottom) of the proboscis extension reflex, a feeding response initiated when flies are presented with an appetitive tastant. The fly is presented sucrose solution to the legs, which reflexively initiates proboscis extension and food consumption. In this issue, Masek et al. (pp. 3122–3132) use this assay to examine the effects of experimental selection for starvation-resistant flies on feeding responsiveness. Photo credit: Pavel Masek.

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