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Cover picture: Three-dimensional reconstruction of synaptic active zones from a male laryngeal neuromuscular synapse. Only the synaptic vesicles (*red*), the presynaptic membrane (*blue*), the postsynaptic membrane (*purple*), and the mitochondria (*lime green*) are shown. Such reconstructions demonstrate that synaptic vesicles are equally abundant in both sexes and that sex differences in synaptic efficacy must reside elsewhere. See Tobias et al., pp. 1660–1668. [The SYNU software package was used to create this rendered image.]

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