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Cover picture: Scanning electron micrograph of insect muscle fibers and neuromuscular junctions, taken at 20 kV on an AMR 2000. The tissue is not gold coated, but rather has been impregnated with osmium; the relatively high accelerating voltage renders the cell membrane transparent and subsurface structures such as nuclei and myofibrils become visible. The neuromuscular junctions are from a study to be reported in the Journal of Neuroscience. Micrograph kindly provided by M. B. Rheuben. Magnification $\times 3500$.

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