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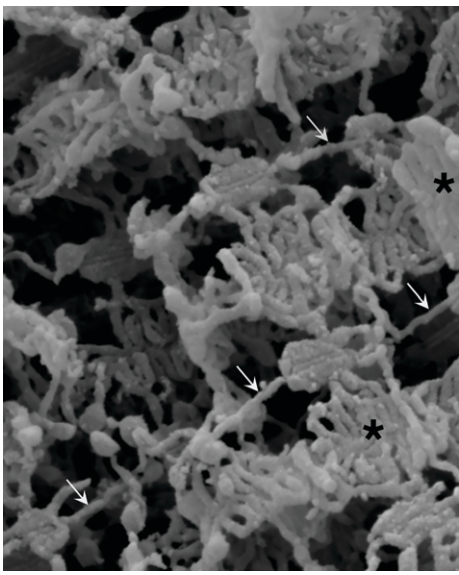
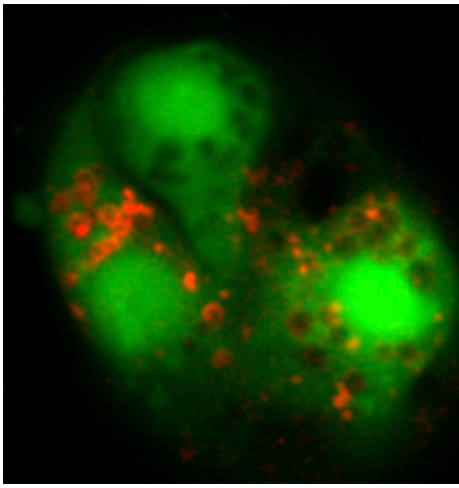


ON THE COVER

Sarcoplasmic reticulum and transverse tubules imaged by scanning electron microscopy after extraction of myofibrils. In this slow type fiber, T tubules (arrows) are continuous, but junctional SR cisternae at triads (SR/T/ SR) are segmented. Between triads, the SR forms extensive fenestrated collars (asterisks). Notice the abundance of SR membranes relative to those of T tubules. Image © 2018 Lavorato. See page 189.



ATP within lamellar bodies facilitates secretion. See page 277.