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**COVER:** Peritoneal macrophages isolated from wild-type mice (top and middle left panels) and mice deficient in CD36 (bottom and middle right panels) were incubated with Alexa568-oxidized LDL (red fluorescence) and then immunostained to detect dynamin, a GTPase involved in cellular membrane fission events during the formation of endocytic vesicles (green fluorescence). Nuclei were stained with 4',6-diamidino-2-phenylindole (DAPI; blue). The colocalization of intracellular oxidized LDL and dynamin in macrophages (yellow) is CD36 dependent. This novel finding provides evidence that different endocytic mechanisms participate in macrophage uptake of oxidized LDL. Molecular sorting of oxidized LDL at the plasma membrane may lead to differences in subsequent intracellular trafficking and degradation. (See Sun et al., p. 2560.)

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