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Cover: The image is an immunofluorescent micrograph of murine skeletal muscle lacking adipose triglyceride lipase (ATGL), the rate-limiting enzyme in triacylglycerol hydrolysis, demonstrating massive fiber type-specific intramyocellular lipid accumulation. Skeletal muscle derived from skeletal muscle-specific ATGL knockout (SMAKO) mice were stained with LipidTOX Red for neutral lipids (red), Tom20 for mitochondria (green), and phalloidin for F-actin (blue). Image courtesy of Erin E. Kershaw, MD, and Donna B. Stolz, PhD, coauthors of “Skeletal muscle triacylglycerol hydrolysis does not influence metabolic complications of obesity” found in this issue of *Diabetes* (p. 3350).