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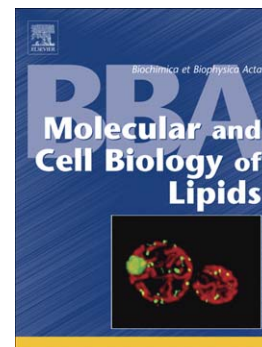
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PII: S1388-1981(17)30112-9
DOI: doi:[10.1016/j.bbaliip.2017.06.008](https://doi.org/10.1016/j.bbaliip.2017.06.008)
Reference: BBAMCB 58164

To appear in: *BBA - Molecular and Cell Biology of Lipids*

Received date: 3 March 2017
Revised date: 14 June 2017
Accepted date: 15 June 2017



Please cite this article as: Ryan J. Schulze, Aishwarya Sathyanarayan, Douglas G. Mashek, Breaking fat: The regulation and mechanisms of lipophagy, *BBA - Molecular and Cell Biology of Lipids* (2017), doi:[10.1016/j.bbaliip.2017.06.008](https://doi.org/10.1016/j.bbaliip.2017.06.008)

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Breaking fat: the regulation and mechanisms of lipophagy

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Abbreviations: ATGL, adipose triglyceride lipase; CE, cholesterol ester; CESD, cholesterol ester storage disease; CMA, chaperone-mediated autophagy; CREB, cAMP response element binding protein; FA, fatty acid; FOXO, forkhead box O proteins; FXR, farsenoid X receptor; HSL, hormone sensitive lipase; LAL, lysosomal acid lipase; LD, lipid droplet; LIR, LC3-interaction region; MAP1S, microtubule-associated protein 1S; mTOR, mammalian target of rapamycin; LD, lipid droplet; SREBP, sterol response element binding protein; TAG, triacylglycerol; TFEB/3, transcription factor EB/3; TRAPP-II, transport protein particle II

Keywords: lipophagy, autophagy, lipid droplets

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