



Cover: Structured illumination (SIM) super-resolution image of GFP-ATG13 particles (green) and the endoplasmic reticulum (red) in a HEK-293 cell. The image shows a cell that has undergone amino acid starvation for ~40 minutes to induce the autophagic response, and it was captured using a Nikon N-SIM microscope. Image: Simon Walker, Babraham Institute, UK. See Focus articles on Autophagosome biogenesis (pp. 185–192, 193–205 and 207–217).

FOCUS: Autophagosome biogenesis

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- 225 Oxygen-dependent hydroxylation by FIH regulates the TRPV3 ion channel
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- 293 The microRNA miR-17-3p inhibits mouse cardiac fibroblast senescence by targeting Par4
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- 305 Nuclear pore targeting of the yeast Pom33 nucleoporin depends on karyopherin and lipid binding
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- 408 Sustained signalling by PTH modulates IP₃ accumulation and IP₃ receptors through cyclic AMP junctions
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CORRECTION

- 422 A dynamic model of the hypoxia-inducible factor 1a (HIF-1a) network
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