

1. Mauthe M, Orhon I, Rocchi C, Zhou X, Luhr M, Hijlkema KJ, Coppes RP, Engedal N, **Mari M**, Reggiori F.. Chloroquine inhibits autophagic flux by decreasing autophagosome-lysosome fusion.. **Autophagy** 2018 Jun 25. doi: 10.1080/15548627.2018.1474314. [Epub ahead of print]. [Pdf](#).
2. Rubén Gómez-Sánchez, Jaqueline Rose, Rodrigo Guimarães, **Muriel Mari**, Daniel Papinski, Ester Rieter, Willie J. Geerts, Ralph Hardenberg, Claudine Kraft, Christian Ungermann, and Fulvio Reggiori.. Atg9 establishes Atg2-dependent contact sites between the endoplasmic reticulum and phagophores. **Journal of Cell Biology** 2018 Published Online: 30 May, 2018. [Pdf](#).
3. Katherine R. Parzych, Aileen Ariosa, **Muriel Mari** and Daniel J. Klionsky. A newly characterized vacuolar serine carboxypeptidase, Atg42/Ybr139w, is required for normal vacuole function and the terminal steps of autophagy in the yeast *Saccharomyces cerevisiae*. **Molecular Biology of the Cell** 2018 March 7, doi: 10.1091/mbc.E17-08-0516. [Pdf](#).
4. Shai N, Yifrach E, van Roermund CWT, Cohen N, Bibi C, IJlst L, Cavellini L, Meurisse J, Schuster R, Zada L, **Mari MC**, Reggiori FM, Hughes AL, Escobar-Henriques M, Cohen MM, Waterham HR, Wanders RJA, Schuldiner M, Zalckvar E.. Systematic mapping of contact sites reveals tethers and a function for the peroxisome-mitochondria contact.. **Nature Communications** 2018 May 2;9(1):1761. [Pdf](#).
5. Zielke S, Meyer N, **Mari M**, Abou-El-Ardat K, Reggiori F, van Wijk SJL, Kögel D, Fulda S.. Loperamide, pimoziide, and STF-62247 trigger autophagy-dependent cell death in glioblastoma cells.. **Cell Death & Disease** 2018 Sep 24;9(10):994. [Pdf](#).
6. Grumati P, Morozzi G, Hölper S, **Mari M**, Harwardt MI, Yan R, Müller S, Reggiori F, Heilemann M, Dikic I.. Full length RTN3 regulates turnover of tubular endoplasmic reticulum via selective autophagy.. **Elife** 2017 Jun 15;6. pii: e25555. [Pdf](#).
7. Abreu S, Kriegenburg F, Gómez-Sánchez R, **Mari M**, Sánchez-Wandelmer J, Skytte Rasmussen M, Soares Guimarães R, Zens B, Schuschnig M, Hardenberg R, Peter M, Johansen T, Kraft C, Martens S, Reggiori F. Conserved Atg8 recognition sites mediate Atg4 association with autophagosomal membranes and Atg8 deconjugation. **EMBO reports** 2017 Mar 22. pii: e201643146. [Pdf](#).
8. Yin Z, Valkenburg F, Hornix BE, Mantingh-Otter I, Zhou X, **Mari M**, Reggiori F, Van Dam D, Eggen BJ, De Deyn PP, Boddeke E.. Progressive Motor Deficit is Mediated by the Denervation of Neuromuscular Junctions and Axonal Degeneration in Transgenic Mice Expressing Mutant (P301S) Tau Protein.. **Journal of Alzheimers Disease** 2017 60(s1):S41-S57. [Pdf](#).
9. Eisenberg-Bord M, **Mari M**, Weill U, Rosenfeld-Gur E, Moldavski O, Castro IG, Soni KG, Harpaz N, Levine TP, Futerman AH, Reggiori F, Bankaitis VA, Schuldiner M, Bohnert M. Identification of seipin-linked factors that act as determinants of a lipid droplet subpopulation.. **Journal of Cell Biology** 2017 Nov 29. pii: jcb.201704122. [Pdf](#).
10. Xingdong Zhou, Yingying Cong, Tineke Veenendaal, Judith Klumperman, Dongfang Shi, **Muriel Mari** and Fulvio Reggiori.. Ultrastructural Characterization of Membrane Rearrangements Induced by Porcine Epidemic Diarrhea Virus Infection. **Viruses** 2017 9(9), 251;. [Pdf](#).
11. Klionsky DJ, ..... **Mari M**, .....Reggiori F, et al.. Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition).. **Autophagy** 2016 Autophagy. 2016;12(1):1-222. No abstract available. Erratum in: *Autophagy*. 2016;12(2):443.. [Pdf](#).

12. Harner ME, Unger AK, Geerts WJ, **Mari M**, Izawa T, Stenger M, Geimer S, Reggiori F, Westermann B, Neupert W.. An evidence based hypothesis on the existence of two pathways of mitochondrial crista formation.. **Elife** 2016 Nov 16;5. pii: e18853.. [Pdf](#).
13. Lassen KG, McKenzie CI, **Mari M**, Murano T, Begun J, Baxt LA, Goel G, Villablanca EJ, Kuo SY, Huang H, Macia L, Bhan AK, Batten M, Daly MJ, Reggiori F, Mackay CR, Xavier RJ.. Genetic Coding Variant in GPR65 Alters Lysosomal pH and Links Lysosomal Dysfunction with Colitis Risk.. **Immunity** 2016 Jun 21;44(6):1392-405.. [Pdf](#).
14. Shpilka T, Welter E, Borovsky N, Amar N, **Mari M**, Reggiori F, Elazar Z.. Lipid droplets and their component triglycerides and steryl esters regulate autophagosome biogenesis.. **EMBO Journal** 2015 Aug 13;34(16):2117-31.. [Pdf](#).
15. Khaminets A, Heinrich T, **Mari M**, Grumati P, Huebner AK, Akutsu M, Liebmann L, Stolz A, Nietzsche S, Koch N, Mauthe M, Katona I, Qualmann B, Weis J, Reggiori F, Kurth I, Hübner CA, Dikic I.. Regulation of endoplasmic reticulum turnover by selective autophagy.. **Nature** 2015 Jun 18;522(7556):354-8.. [Pdf](#).
16. Kralt A, Carretta M, **Mari M**, Reggiori F, Steen A, Poolman B, Veenhoff LM.. Intrinsically disordered linker and plasma membrane-binding motif sort Ist2 and Ssy1 to junctions.. **Traffic** 2015 Feb;16(2):135-47.. [Pdf](#).
17. Hönscher C, **Mari M**, Auffarth K, Bohnert M, Griffith J, Geerts W, van der Laan M, Cabrera M, Reggiori F, Ungermann C.. Cellular metabolism regulates contact sites between vacuoles and mitochondria.. **Developmental Cell** 2014 Jul 14;30(1):86-94.. [Pdf](#).
18. **Mari M**, Griffith J, Reggiori F.. Nanogold labeling of the yeast endosomal system for ultrastructural analyses.. **Journal of Visualized Experiments** 2014 Jul 14;(89).. [Pdf](#).
19. **Mari M**, Geerts WJ, Reggiori F.. Immuno- and correlative light microscopy-electron tomography methods for 3D protein localization in yeast.. **Traffic** 2014 Oct;15(10):1164-78.. [Pdf](#).
20. Karanasios E, Barbosa AD, Sembongi H, **Mari M**, Han GS, Reggiori F, Carman GM, Siniossoglou S.. Regulation of lipid droplet and membrane biogenesis by the acidic tail of the phosphatidate phosphatase Pah1p.. **Molecular Biology of the Cell** 2013 Jul;24(13):2124-33.. [Pdf](#).
21. Nair U, Yen WL, **Mari M**, Cao Y, Xie Z, Baba M, Reggiori F, Klionsky DJ.. A role for Atg8-PE deconjugation in autophagosome biogenesis.. **Autophagy** 2012 Autophagy. 2012 May 1;8(5):780-93.. [Pdf](#).
22. Erpapazoglou Z, Dhaoui M, Pantazopoulou M, Giordano F, **Mari M**, Léon S, Raposo G, Reggiori F, Haguenaer-Tsapis R.. A dual role for K63-linked ubiquitin chains in multivesicular body biogenesis and cargo sorting.. **Molecular Biology of the Cell** 2012 Jun;23(11):2170-83.. [Pdf](#).
23. **Mari M**, Tooze SA, Reggiori F.. The puzzling origin of the autophagosomal membrane.. **F1000 Biology Reports** 2011 3:25. doi: 10.3410/B3-25.. [Pdf](#).
24. Klinger SC, Glerup S, Raarup MK, **Mari MC**, Nyegaard M, Koster G, Prabakaran T, Nilsson SK, Kjaergaard MM, Bakke O, Nykjær A, Olivecrona G, Petersen CM, Nielsen MS.. SorLA regulates the activity of lipoprotein lipase by intracellular trafficking.. **Journal of Cell Science** 2011 Apr 1;124(Pt 7):1095-105.. [Pdf](#).
25. Jacquier N, Choudhary V, **Mari M**, Toulmay A, Reggiori F, Schneiter R.. Lipid droplets are functionally connected to the endoplasmic reticulum in *Saccharomyces cerevisiae*.. **Journal of Cell Science** 2011 Jul 15;124(Pt 14):2424-37.. [Pdf](#).

26. **Mari M**, Reggiori F.. Atg9 reservoirs, a new organelle of the yeast endomembrane system?. **Autophagy** 2010 Nov;6(8):1221-3.. [Pdf](#).
27. Cabrera M, Langemeyer L, **Mari M**, Rethmeier R, Orban I, Perz A, Bröcker C, Griffith J, Klose D, Steinhoff HJ, Reggiori F, Engelbrecht-Vandré S, Ungermann C.. Phosphorylation of a membrane curvature-sensing motif switches function of the HOPS subunit Vps41 in membrane tethering.. **Journal of Cell Biology** 2010 Nov 15;191(4):845-59.. [Pdf](#).
28. **Mari M**, Griffith J, Rieter E, Krishnappa L, Klionsky DJ, Reggiori F.. An Atg9-containing compartment that functions in the early steps of autophagosome biogenesis.. **Journal of Cell Biology** 2010 Sep 20;190(6):1005-22.. [Pdf](#).
29. Markgraf DF, Ahnert F, Arlt H, **Mari M**, Peplowska K, Epp N, Griffith J, Reggiori F, Ungermann C.. The CORVET subunit Vps8 cooperates with the Rab5 homolog Vps21 to induce clustering of late endosomal compartments.. **Molecular Biology of the Cell** 2009 Dec;20(24):5276-89.. [Pdf](#).
30. Cabrera M, Ostrowicz CW, **Mari M**, LaGrassa TJ, Reggiori F, Ungermann C.. Vps41 phosphorylation and the Rab Ypt7 control the targeting of the HOPS complex to endosome-vacuole fusion sites.. **Molecular Biology of the Cell** 2008 Apr;20(7):1937-48.. [Pdf](#).
31. Verheije MH, Raaben M, **Mari M**, Te Lintelo EG, Reggiori F, van Kuppeveld FJ, Rottier PJ, de Haan CA.. Mouse hepatitis coronavirus RNA replication depends on GBF1-mediated ARF1 activation.. **PLOS Pathogens** 2008 Jun 13;4(6):e1000088.. [Pdf](#).
32. Griffith J, **Mari M**, De Mazière A, Reggiori F.. A cryosectioning procedure for the ultrastructural analysis and the immunogold labelling of yeast *Saccharomyces cerevisiae*.. **Traffic** 2008 Jul;9(7):1060-72.. [Pdf](#).
33. van der Vaart A, **Mari M**, Reggiori F.. A picky eater: exploring the mechanisms of selective autophagy in human pathologies.. **Traffic** 2008 Mar;9(3):281-9. Review.. [Pdf](#).
34. **Mari M**, Bujny MV, Zeuschner D, Geerts WJ, Griffith J, Petersen CM, Cullen PJ, Klumperman J, Geuze HJ.. SNX1 defines an early endosomal recycling exit for sortilin and mannose 6-phosphate receptors.. **Traffic** 2008 Mar;9(3):380-93.. [Pdf](#).
35. Bugnicourt A, **Mari M**, Reggiori F, Haguenaer-Tsapis R, Galan JM.. Irs4p and Tax4p: two redundant EH domain proteins involved in autophagy.. **Traffic** 2008 May;9(5):755-69.. [Pdf](#).
36. **Mari M**, Reggiori F.. Atg9 trafficking in the yeast *Saccharomyces cerevisiae*.. **Autophagy** 2007 Mar-Apr;3(2):145-8. Review.. [Pdf](#).
37. Nielsen MS, Gustafsen C, Madsen P, Nyengaard JR, Hermey G, Bakke O, **Mari M**, Schu P, Pohlmann R, Dennes A, Petersen CM.. Sorting by the cytoplasmic domain of the amyloid precursor protein binding receptor SorLA.. **Molecular and Cellular Biology** 2007 Oct;27(19):6842-51.. [Pdf](#).
38. **Mari M**, Reggiori F.. Shaping membranes into autophagosomes.. **Nature Cell Biology** 2007 Oct;9(10):1125-7. No abstract available.. [Pdf](#).
39. **Mari M**, Monzo P, Kaddai V, Keslair F, Gonzalez T, Le Marchand-Brustel Y, Cormont M.. The Rab4 effector Rabip4 plays a role in the endocytotic trafficking of Glut 4 in 3T3-L1 adipocytes.. **Journal of Cell Science** 2006 Apr 1;119(Pt 7):1297-306.. [Pdf](#).
40. Monzo P, **Mari M**, Kaddai V, Gonzalez T, Le Marchand-Brustel Y, Cormont M.. CD2AP, Rabip4, and Rabip4': analysis of interaction with Rab4a and regulation of endosomes morphology.. **Methods in Enzymology** 2005 403:107-18.. [Pdf](#).

41. Cormont M, Metón I, **Mari M**, Monzo P, Keslair F, Gaskin C, McGraw TE, Le Marchand-Brustel Y.. CD2AP/CMS regulates endosome morphology and traffic to the degradative pathway through its interaction with Rab4 and c-Cbl.. **Traffic** 2003 Feb;4(2):97-112.. [Pdf](#).