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Molecular Cell Journal of Cell Biology

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 (Zheng et al., *Oncogene*,
 2004 94)
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 (Zheng et
 al., *Oncogene*, 2005 38)
 Caspase C
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 (Zhu et al., *Cell Research*, 2012, 10)
 UCP2 (Shang et al., *Hepatology*, 2009,
 11) *Bax/Bak*

Bcl-2 (Lei et al.,
FASEB J, 2006, 75 Zhao et al., *JBC*, 2012, 6)
 G-beta2
 (Zhang et al., *Nature Communications*, 2010 14
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 Parkin (Wang et al., *JBC*,
 2011, 101)

(2012 *Nature Cell Biology*, 1)

126

Beth Levine Green and Levine., *Cell*, 2014, 3 ,

Vladimir Kirkin (Rogov et al., *Molecular Cell*, 2013, 4) Ivan Dikic

(Shaid et al., *Cell Death and Differentiation*, 2013, 5) Nika

Danial(Stanley et al., *Trends in Cell Biology*, 2014, 6)

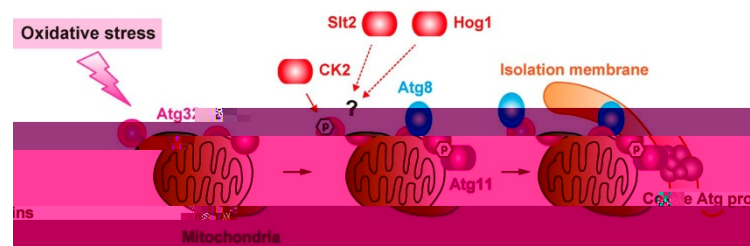
David Chan (Mishra and Chan, *Nature Reviews Molecular Cell Biology*, 2014, 2)

Koji Okamoto *Journal of Cell Biology*

Okamoto, *Journal of Cell*

Biology, 2014, 1

A Receptor-mediated mitophagy in yeast



B Receptor-mediated mitophagy in mammalian cells



A: ATG32

B: FUNDC1

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1 Faculty1000 (<http://f1000.com/prime/14270957>)

Nature China (<http://www.natureasia.com/en/nchina/article/10.1038/nchina>),

Experimental Cell Research Feng et al., 2013 , *Antioxidant Research and*

Signaling(Wu and Chen, 2015) *Cell Research*(Liu et al., 2014)

			G-beta2	
			(Zhang et al., 2010 <i>Nature Communications</i>	
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			http://www.natureasia.com/en/nchina/article/10.1038/nchina.2011.137	
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Wang et al., 2011 <i>JBC</i>		7	101	Beclin-1
		Zhu et al., 2010 <i>Protein Cell</i>		11
53				<i>Neuron, Current Biology, PNAS</i>
		Luca Scorrano		<i>Trends in Cell Biology</i> 2014
	7	Stephen L. Archer		The New England Journal of
Medicine, 2014		8		
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Lei et al., 2007 <i>FASEB J</i>		3		6 75
				<i>Nature, Cellular Signalling,</i>
				<i>Blood, Cancer Res, Human Molecular Genetics, Journal of Surgical Research,</i>
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1		/1 /3	2004.9-2012.2	Liu L, Feng D, Chen G, Chen M, Zheng QX, Song PP, Ma Q, Zhu CZ, Wang R, Qi WJ, Huang L, Xue P, Li BW, Wang XH, Jin HJ, Wang J, Yang FQ, Liu PS, Zhu YS, Sui SF and Chen Q* . Mitochondrial outer-membrane protein FUNDC1 mediates hypoxia-induced mitophagy in mammalian cells <i>Nature Cell Biology</i> , 14 (2):177-185, 2012.	1	
2		/1 /2	2003.5-2012.2	Zhu YS , Li M, Wang XH, Jin HJ, Liu SS, Xu JX*, Chen Q* . Caspase cleavage of cytochrome c1 disrupts mitochondrial function and enhances cytochrome c release. <i>Cell Research</i> , 22(1):127-141, 2012.	4	

3		/1 /4 /2	2007.10-2011.3	Wang HX, Song PP, Du L, Tian WL, Yue W, Liu M, Li DW, Wang B, Zhu YS, Zhou J* , Chen Q* . Parkin ubiquitinates Drp1 for proteasome-dependent degradation: implication of dysregulated mitochondrial dynamics in Parkinson's disease. <i>Journal of Biological Chemistry</i> , 286(13):11649-58, 2011.	7	
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