

Materials List for:

# Use of *Shigella flexneri* to Study Autophagy-Cytoskeleton Interactions

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URL: <https://www.jove.com/video/51601>

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## Materials

Name	Company	Catalog Number	Comments
Bafilomycin A1	Sigma-Aldrich	B1793	
Blebbistatin	Sigma-Aldrich	B0560	
Borosilicate glass microcapillars	Harvard Apparatus	30038	
Coarse manual manipulator	Narishige	M-152	
Cytochalasin D	Sigma-Aldrich	C6762	
4',6-diamidino-2-phenylindole (DAPI)	Molecular Probes	D1306	
Dumont #5 fine tweezers	Fine Science Tools	11254-20	
Forchlorofeneuron	Sigma-Aldrich	32974	
Goat anti-mouse IgG (H+L) antibody	Molecular Probes	N/A	
Goat ant-rabbit IgG (H+L) antibody	Molecular Probes	N/A	
JetPEI transfection reagent	Polyplus transfection	101-01N	
Latrunculin B	Sigma-Aldrich	L5288	
LC3 antibody	Novus Biologicals	NB100-2220	
Low melting agarose	Promega	V2111	
MatTek glass bottom dish	MatTek corporation	P35G-1.0-14	
MEM plus L-alanyl-L-glutamine	GIBCO	41090028	
MEM non-essential amino acids solution	GIBCO	11140-035	
Microinjector	Narishige	IM-300	
Micropipette puller device	Sutter Instrument Co., Novato,	P-87	
Mineral oil	Sigma-Aldrich	P35G-1.0-14	
Monoclonal anti-tubulin, acetylated antibody	Sigma-Aldrich	T6793	
Nocodazole	Sigma-Aldrich	M1404	
N-phenylthiourea	Sigma-Aldrich	P7629	
Paraformaldehyde	Sigma-Aldrich	158127	
Phalloidin	Molecular Probes	A12379	
Phenol red solution	Sigma-Aldrich	P0290	
Protease inhibitor cocktail	Roche	4693116001	
p62/SQSTM1 antibody	Cliniscience	PM045	
Rapamycin	Sigma-Aldrich	R8781	
Sodium pyruvate	GIBCO	11360039	
Transfection reagent	Life Technologies	12252-011	

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Vectashield hard set mounting medium containing DAPI	Vector Laboratories	H-1500	
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