Poster	Short-talk	Flash talk	Name	Title
P1	S2		Adam Yokom	Architecture and Assembly of Mammalian ULK1 Complex
P2	S4		Aditya Murthy	Autophagy regulates necroptosis via turnover of RHIM-domain proteins
P3			Ah Jung Heo	The N-degron pathway mitigates oxidative stress via ubiquitin chain repriming for proteostasis
P4		F2-1	Akinori Yamasaki	Liquidity is a critical determinant for selective autophagy of protein condensates
P5			Alan Yueh-Luen Lee	The interaction of mitochondrial Lon with ULK1 in ER-mitochondria contact promotes the autophagosome initiation of mitophagy under hypoxia in cancer
P6			Ananth Ponneri Babuharisankar	Hypoxia-induced ROS upregulates the interaction of mitochondrial Lon with ULK1 in ER-mitochondria contact to regulate the mitophagy
P7		F1-1	Andreas Brech	Piecemeal autophagy of fluid-like droplets characterized by live cell imaging and electron tomography
P8			Archan Chakraborty	APEX2 proximity labeling identifies CTP synthase (CTPS) in the Cytokeratin Network, requiring SNAP29 for its assembly.
P9			Assirbad Behura	ESAT-6 modulates Calcimycin-induced autophagy through microRNA-30a in mycobacteria infected macrophages
P10			Bjoern Stork	ULK1 controls RIPK1-mediated cell death
P11			Bo-Hua Chen	Hsc70/Stub1 drives individual turnover of oxidatively-stressed peroxisomes
P12			Brijesh Kumar Singh	Targeting estrogen-related receptor alpha for Non-alcoholic fatty liver disease
P13		F1-2	Caroline Mauvezin	Lysosomes ensure accurate chromosomal segregation to prevent genomic instability
P14			Cathena Meiling LI	Identification and Characterization of a new ER-phagy receptor in mammalian cells
P15			Chang Hoon Ji	The N-degron pathway mediates ER-phagy
P16			Chiao-Yin Lim	SAMS-1 regulates autophagy and longevity through histone methylation in C. elegans
P17			Chien Huang	Kisspeptin-Induced Autophagy Partially Inhibits Insulin Secretion from Pancreatic β-Cells
P18			Chien-An Chu	MiR-338-5p promotes metastasis of colorectal cancer by inhibition of PIK3C3-mediated autophagy pathway
P19			Chih-Wen Lin	Autophagy LC3 in tumors and the liver microenvironment strongly predict hepatocellular carcinoma recurrence after curative resection
P20			Chih-Wen Shu	Xanthium strumarium Fruit Extract Inhibits ATG4B and Diminishes the Proliferation and Metastatic Characteristics of Colorectal Cancer Cells
P21			Ching-Chieh Weng	STK24 Driven Tumor Progression is Associated with Loss of SMAD4 and Promotion of Autophagy in PDAC
P22			Goutham Venkata Naga Davuluri	An autophagy-based secretion of galectin-1 in tumor-associated macrophages predicts poor prognosis of hepatocellular carcinoma
P23		F1-3	Christopher Waters	Exploration of thresholding properties in the Pink1/Parkin pathway
P24			Chun Kit Benjamin Tong	Two-pore Calcium channel inhibitor tetrandrine acidify lysosome to ameliorate autophagic impairment in Alzheimer's disease
P25			Chun Sang	ER to mitochondrial calcium transfer facilitates autophagosome production during short-term starvation
P26			Cristina Brischetto	Autophagy and NF-κB: crosstalk through a novel p65 interaction
P27			Dana Kim	Buffering of cytosolic calcium preserves autophagy-lysosome pathway during MPP+-induced neuronal death
P28			Dong-Hyung Cho	Down-regulated TMED10 in Alzheimer disease induces autophagy via ATG4B activation
P29			DongYoung Seo	Autophagy inhibition switches Aurora B inhibition-mediated cancer cell fate from aneuploidy to mitotic cell death
P30		F2-2	Eri Hirata	Analysis of molecular mechanisms of Atg8-PE delipidation by Atg4 based on the crystal structure
P31		F1-4	Esther Wong	GSK3β acts as a proteotoxicity sensor to activate parkin upon proteosomal stress to mediate basal to inducible aggrephagy switch for enhanced protein quality control
P32			eun sohn	Misaponin B induces autophagy via regulation of miR1290 in non-small

				cell lung cancer A549 cells
P33			Eunkuk Park	A potential mechanism of CotI1 in mitochondrial fission
P34	S12		Eun-Kyeong Jo	Autophagy in GABAergic Host Defense
P35			Eva Sjøttem	TRIM32 plays a dual role as a substrate and a regulator of the autophagy receptor p62/SQSTM1 impaired in an inheritable muscular dystrophy disease
P36			Gen Matsumoto	Enhancement of aggrephagy by small molecules through S403-phosphorylation of p62/SQSTM1
P37			Guang Lu	A novel function of WIPI2 in mitophagy
P38			Hai-jie Wang	Sustained Release of GDF11 from Self-assembling Peptide Reduces Senescence of Mesenchymal Stem Cells
P39			Han-Jung Chae	Transmembrane BAX inhibitor motif containing 6 (TMBIM6) enhances autophagy through regulation of lysosomal calcium
P40			Hao Qi	Targeting autophagy during mitosis to sensitize breast cancer cells to Paclitaxel
P41			Hao-Chun Chang	The Bax-binding Protein MOAP-1 associates with LC3 and promotes efficient autophagosome formation
P42			Hayashi Yamamoto	Evolution from covalent conjugation to non-covalent interaction in the ubiquitin-like ATG12 system
P43			Hayden Tan	Lysosomal Regulation of Peroxisome Function through the PPAR α -PGC1 α axis
P44			Henri BATOKO	Plant translocator proteins function as unconventional polytopic membrane-bound selective autophagy receptor targeting and binding multiple cargo for degradation
P45			Hideaki Morishita	A novel macroautophagy-independent mechanism of organelle degradation in the lens
P46			Hitomi Imoto	Novel transcriptional mechanism regulating autophagy in cellular senescence
P47			Eun-Jin Yun	Loss of DAB2IP affects the chemo-resistance and cancer stemness of glioblastoma by regulating autophagy
P48		F2-3	Hsiang-Yi Chang	Light-Induced Degradation of Golgi-Apparatus Through Autophagy
P49			Hui Li	A Validated Set of Fluorescent-Ptotein-Based Markers for Major Organelles in Yeast
P50			Hung-Hsiang Ho	Inter-organelle Ca2+ Signaling Following Lysosomal Membrane Permeabilization
P51			Hyera Jung	*Arabidopsis* NBR1 is essential for aggrephagy but not for pexophagy
P52			Hyun-Woo Suh	Sirtuin 3 promotes antimycobacterial defense through coordination of mitochondrial and autophagic functions
P53			Iban Seiliez	Chaperon-Mediated Autophagy in the light of evolution: insight from fish
P54			Ikuko Koyama-Honda	Theoretical and cell biological studies on phagophore morphology
P55			Jaechan Leem	The dipeptidyl peptidase-4 inhibitor gemigliptin ameliorates hepatic steatosis through induction of lipophagy in mice
P56			Jagannatham Naidu Bhupana	Loss of Gas7 in mice results in mitochondrial dynamic network imbalance, mitochondrial abnormal distribution and mitochondrial dysfunction
P57		F1-5	Janaki Narasimha Sudhakar	Galectin-9 maintains acinar and Paneth cell homeostasis by promoting lysosome stabilization and autophagy
P58			Jeeyoung Lee	Compensatory Negative-Feedback Connection between the Cellular Proteasome Activity and Autophagy
P59			Jeong Hun Kim	*Arabidopsis* FYVE2 and FYVE3 are phosphatidylinositol 3-phosphate effectors involved in autophagosome biogenesis
P60		F2-4	Jiahong Lu	NRBF2 regulates different stages of autophagy and interacts with Alzheimer's disease amyloid protein precursor for its degradation
P61			Jianbin Zhang	Importance of TFEB acetylation in control of its transcriptional activity and lysosomal function in response to histone deacetylase inhibitors.
P62			Jin Zhou	The co-activator, Mediator subunit1 (MED1) plays an essential role in hepatic autophagy and lipid oxidation
P63			Jing-Yue Jia	AMPK, a key regulator of metabolism and autophagy, is activated by lysosomal damage via a novel galectin-directed ubiquitin signal transduction system
P64			Jolie Ho	The ALS-FTD-linked gene product, C9orf72, regulates neuronal

				morphogenesis via autophagy
P65			Josue Ballesteros-Alvarez	MiT/TFE transcription factors form a regulatory loop in melanoma cells
P66			Jun Hyoung Jeon	Modified Peptides from Acidophilic Actinobacteria Inhibit Cellular Autophagy
P67		F1-6	Kao Chien-Han	Autophagy is required for centrosome loss-mediated cell cycle arrest
P68		F2-5	Kazunori Ogawa	Autophagy in the anther tapetum cells during pollen maturation in rice: its dynamics, significance in programmed cell death, and regulation by transcriptional network and reactive oxygen species
P69			Kihyoun Park	Regulation of Tfeb in mitophagy and function of pancreatic β-cells - Role of ER-lysosome contact in mitophagy of β-cells
P70			Kuan-Lin Huang	UQCRC1 interacts with Pink for mitochondrial quality control in a fly model of Parkinsonism
P71			Kumiko Nakada-Tsukui	Atg8 is differentially recruited to two types of phagosomes in the enteric protozoan parasite *Entamoeba histolytica*
P72			Lena Munzel	The molecular function of Atg21 in autophagosome biogenesis
P73			Lilian Lin	C9orf72 haploinsufficiency exacerbates autophagic deficits in an ALS mouse model of TDP-43 proteinopathy
P74			MADHULIKA TRIPATHI	Caffeine prevents restenosis and inhibits vascular smooth muscle cell proliferation through the induction of autophagy
P75			Manish Kumar	5-methyl Furfural Reduces the Production of Malodors by Inhibiting Sodium L-lactate Fermentation of Staphylococcus epidermidis: Implication for Deodorants Targeting the Fermenting Skin Microbiome
P76			Mazen Alazem	Autophagy is part of soybean extreme resistance against soybean mosaic virus
P77			Md. Jahangir Alam	Molecular role of lipidated Atg8 in autophagosome shaping
P78			Mi-Hee Jun	Inhibition of non-muscle myosinIIB reduces cellular toxicity associated withf FTD/ALS-linked TDP-43
P79			Milana Fraiberg	Study the functional roles of TECPR2
P80			Min LI	A natural small molecule autophagy activator: Celastrol attenuates amyloid beta and tau pathology in Alzheimer's disease
P81			Min Li	Discovery of a multitarget chemical to suppress colorectal cancer via inhibiiton of lysosome function and ATG4B activity
P82			Mohammad Fazlul Kabir	ER stress regulate autophagic flux by increasing Autophagosome-lysosome fusion through Transmembrane Bax Inhibitor Motif Containing 6 (TMBIM6)
P83			Na Li, Jingyi CHEN	Biochemical and Structural Studies of NRBF2: a Critical Autophagy Modulator that Targets the Beclin1-Vps34 Complex
P84			Naoki Tamura	Hyperosmotic stress induces unconventional autophagy independent of the Ulk1 complex
P85			Pei-Feng Liu	The association of MAP1LC3B and SQSTM1 with tumorigenesis and prognosis in invasive ductal carcinoma breast cancer
P86			Pei-Jou Liu	Quality Control of Plasma Membrane
P87			Peipei Wang	The up- and down-regulation of autophagy flux directly affect collagen production in primary cardiac fibroblast
P88			Peishi Chen	Mitochondrial Calcium Uniporter Regulator 1 (MCUR1) Regulates Mitophagy
P89			Per Nilsson	Neuronal autophagy-deficiency causes Alzheimer-associated amyloid beta to aggregate and form intracellular fibrils which enhances neurodegeneration
P90			Pin Yi Lee	Nutrient starvation-induced p62/SQSTM1 hyperphosphorylation orchestrates mitophagy
P91			Po-Yuan Ke	Activation of selective autophagy by hepatitis C virus infection deranges hepatic Wnt-beta-catenin signaling
P92			Prashanta Silwal	Mitofusin 2 is required for antibacterial host defense through interaction with Rab7
P93			Pureum Jeon	Development of GABARAP family protein-sensitive LIR-based probes for neuronal autophagy
P94		F2-6	Ravi Manjithaya	Probing mechanisms of autophagy flux by genetic and chemical biology approaches
P95			Ryosuke Ishimura	A synergistic effect of Atg2b and Gskip on the maintenance of hematopoietic stem cells

P96			Sang Min Jeon	The role of peroxisome proliferator-activated receptor-α in innate host defense against Mycobacterium tuberculosis and M. abscessus infections
P97			Sang-won Park	Monitoring LC3- or GABARAP-selective autophagosomes using modified RavZ-based autophagosome probes
P98			Satoshi Waguri	Ultrastructural analysis on isolation membrane formation during partial mitophagy
P99			Seung Un Seo	mTORC1/2 inhibitor and curcumin induce cell death through lysosomal membrane permeabilization-mediated autophagy
P100			Shih-Che Weng	The unfolded protein response is essential for reproduction control of the mosquito Aedes aegypti
P101			Shintaro Kira	Vacuolar membrane protein Tag1 and Atg1-Atg13 axis terminate autophagy during persisted nitrogen starvation in yeast.
P102			Shiou-Ling Lu	VEGF activates endo-lysosomal activity through mTORC1-TFEB pathway that suppresses Group A streptococcus infection in endothelial cells
P103			Shivranjani Moharir	Optineurin promotes aggregation of mutant proteins and reduces cytotoxicity caused by aggregates
P104	S19		Shuo-Chien LING	Deregulation of mediated autophagy by C9ORF72 are linked with ALS/FTD and corticobasal degeneration
P105			Shu-Wen Wan	Caspase-mediated cleavage of Beclin-1 regulates autophagy and enhances apoptosis during dengue virus infection
P106		F2-7	Shu-Yi Huang	Dihydroceramide desaturase regulates the switch between exosome secretion and autophagy for neuronal maintenance
P107			Songkun Shyue	Role of cargo receptor Surfeit 4 in cyclooxygenase-2 degradation in ERAD and autophagy
P108			Soo-Jin Oh	Role of ER phage in the protection against lipotoxicity
P109			Soyeon Lee	Macrophage TFEB overexpression protects mice against diet-induced obesity and diabetes
P110			Sumiko Ikari	Kampo A, traditional Japanese herbal medicine, suppresses autophagy
P111			Takanori Otomo	Structural analysis of the GABARAP-ATG3 intermediate
P112			Takashi Nozawa	TBC1D9 promotes TBK1 activation through calcium signaling in selective autophagy
P113			Taras Nazarko	Eukaryotic translation initiation factor 2A suppresses lipophagy in yeast and zebrafish
P114	S17		Thierry Galli	VAMP7-dependent autophagic secretion allows for axonal growth in nutrient restriction conditions
P115		F1-7	Thomas Mercer	Unravelling the ULK Phosphoproteome
P116			Tomoko Ohshima	A 3D-computer graphics movie of macroautophagy
P117		F1-8	Tomotake Kanki	Ppg1 and Far complex negatively regulate mitophagy in Saccharomyces cerevisiae
P118			Trai Ming Yeh	Inhibition of autophagy enhances the bactericidal activity of human neutrophils
P119			Vincent KL Lam	Roles of actin cytoskeletal dynamics on cyclic compression-induced autophagy in 3D collagen encapsulated human mesenchymal stem cells
P120			Viorica Raluca Contu	RNautophagy: mediators and mechanisms at the cellular level
P121			Wan Ting Kuo	Rab37 regulates autophagy-dependent M2 macrophage polarization in lung cancer
P122			Wan-Hsiang Hu	Autophagy expression associated with prognosis in colorectal cancer patients
P123			Wei Yang Sit	Cholesterol glucosylation of Helicobacter pylori modulates autophagy to increase its survival in macrophages
P124			Xianxiu QIU, Xiaozhe Zhang	Biochemical and Structural Studies of Beclin2 in Autophagy Regulation and GPCR Endolysosomal Trafficking
P125	S10		XIAOHONG ZHUANG	Molecular mechanism of membrane trafficking in plant autophagy
P126			Xue Xue	Nanomedicine: A new approach for treatment neuropsychiatric disease
P127			Nira Meirita	Green tea regulates the growth and autophagy protein expression in 3T3-L1 Preadypocytes
P128			Chuanbin Yang	Proteasome inhibition enhances lysosome biogenesis and autophagy via TFEB/TFE3
P129			Yang Liu	The TORC1 signaling pathway regulates respiration-induced mitophagy in yeast

P130	S8		Yaowen Wu	The cholesterol transfer protein GRAMD1A regulates autophagosome biogenesis
P131	S21		Yating Wang	Select autophagy genes maintain quiescence of tissue-resident macrophages and susceptibility to infection
P132			Yi Ting Wang	Molecular regulation of Atg9 under oxidative stress conditions
P133			Yih-Cherng Liou	Mitochondrial Dynamics and Quality Control: Functions of Mitochondrial Outer Membrane Proteins
P134			Yi-Hsuan Li	The Role of Autophagy in High-Fat Diet Induced Insulin Resistance of Adipose Tissues
P135			Yik Lam Cho	Dual role of JNK activation in autophagy and apoptosis induced by nickel oxide nanoparticles in human cancer cells
P136			Ying-Yu Chen	Liver-specific deletion of Eva1a/Tmem166 aggravates acute liver injury by impairing autophagy
P137			Yoonkyung Kim	Cupric chloride-induced autophagic flux impairment is linked to dopaminergic neuronal cell death.
P138			Yoshitake Yushi	Oversupply of nitrogen suppresses phosphate-starvation stress via autophagy in plants
P139			You-kyung Lee	Cohen syndrome (CS)-derived glutamatergic neurons from CS patient iPSCs is associated with dysregulation of autophagy and synaptic functions
P140			Yuan Li	qx348 affects autophagic cargo degradation in C. elegans lysosomes
P141			Yuchieh Lin	Molecular regulation of Drosophila deubiquitinating enzymes in autophagy
P142			Yu-Hsuan Chen	VPS34 heterotypic ubiquitination governed by UBE3C and TRABID regulates autophagy and proteostasis
P143			Yuhyun Chung	Dysregulated autophagy is linked to caspase-dependent apoptotic death in neuronal cells challenged with 6-hydroxydopamine
P144			Yui Tomioka	Selective Autophagic Degradation of the Nuclear Pore Complex/Nucleoporins
P145			Yuya Nishida	Establishment of a System for Screening Autophagic Flux Regulators Using a Modified Fluorescent Reporter and CRISPR/Cas9
P146			Yu-zhen Tan	Activation of autophagy reduces lipofuscin accumulation and myocardial senescence of old rat heart
P147			Zheng-Hong Qin	Syntaxin 17 inhibits ischemic neuronal injury by enhancing autophagy flux and reducing endoplasmic reticulum stress
P148			Zhou Zhu	Unexpected roles of the p38 MAPK inhibitor SB202190 in promoting TFEB/TFE3-dependent autophagy and lysosomal biogenesis
P149			Yan Zhen	ESCRT-III is recruited to the nascent mitophagosome to promote mitophagosome closure and mitophagic flux
P150			Huei-Jiun Yang	Impaired mitochondria can escape mitophagy through fusion
P151			Jia Li	Mitochondrial deubiquitinase USP30 is a potent prognostic biomarker in breast cancer
P152			Sujit Kumar Bhutia	Stress-induced roller coaster model of autophagy leads to autophagic cell death
P153			Srikanth Sadhu	Novel host directed intervention strategy against Salmonella infection in macrophages
P154			Rohan Dhiman	Soybean lectin-induced autophagy follows P2RX7 activated NF-κB-ROS pathway to kill intracellular mycobacteria