Table S1| Models used for studying host-pathogen interactions.

Bacterial Pathogen	Host Model[1]			Experimental Approach[2]	MOI[3]	Infection Efficiency[4]		Reference
	Cells	Type of Cell	Starting Amount (cells/well)			Infected Cells	Intracellular Bacteria (*)	
Salmonella Typhimurium	BMDC	Primary	ND	FACS CFU	ND	40 %, 2 hpi	~10^4 CFU, 1 hpi	[1]
	RAW264.7	Macrophage-like				ND	~10^5 CFU, 1 hpi	
	HeLa	Epithelial	ND	IF	50	ND	5±4 /cell(**), 2 hpi	[2]
	RAW264.7	Macrophage-like	5×10^5 (24 h before infection)	CFU IF	100	ND	~10-fold(**) increase, 8 hpi	[3]
	HeLa	Epithelial	5×10^5 (24 h before infection)			> 90%, 2 h pi	~10/cell(**), 8 hpi ~10-fold increase(**), 8 hpi	
	Swiss 3T3	Fibroblast	5×10^5 (24 h before infection)			ND	~10-fold increase(**), 8 hpi	
	HeLa	Epithelial	8×10^4 (24 h before infection)	IF CFU	10	81 ± 5 %, 16 hpi	~2 x10^5 CFU, 14 h pi	[4]
	COS-7	Fibroblast	ND	IF	50	> 80 %, 16 hpi	ND	
	HeLa-S3	Epithelial	2×10^5 (48 h before infection)	FACS CFU	5	ND	~10/cell, 4 h pi ~75/cell, 24 h pi	[5]
					10	< 25 %, 4 hpi	ND	
					100	> 75 %, 4 hpi	ND	
	HeLa	Epithelial	ND	CFU	100	ND	~3 fold increase 6 h pi	[6]
	RAW264.7	Macrophage-like			10		~20 fold increase 21.5 h pi	
Yersinia spp.	BMDC	Primary	3×10^3	FACS CFU	20	65 %, 4 hpi *Y. enterocolitica*	550/100 cells, 4 hpi 124/100 cells, 1 dpi 27/100 cells, 3 dpi	[7]
					50	> 95 %, 4 hpi *Y. enterocolitica*	ND	
	BMM and PEM	Primary	$3 – 5 \times 10^6$	FACS	20	~40 % *Y. pestis* ~70 % *Y. pseudotuberculosis* 3 hpi	ND	[8]
	HeLa	Epithelial	2×10^4 (48 h before infection)	CFU	10	~40 % *Y. pestis*, 2 hpi	ND	[9]
	hMM	Primary	ND	IF	2	~50 % *Y. pestis*, 2 hpi	~4/cell, 2 hpi	[10]
	BMM	Primary	1×10^5	CFU	50	ND	10^3 CFU, 1 hpi	[11]
	J774.1	Macrophages	2×10^5	CFU	50	ND	~10^{10} CFU/mL(***) 24 hpi	[12]

	THP-1	Monocytes	2×10^5			ND	~10^9 CFU/mL(***)24 hpi	
	J774.1	Macrophages	2×10^5	CFU	50	ND	~10^8 CFU/mL(***) 24 hpi	[13]
	THP-1	Monocytes	2×10^5				~10^8 CFU/mL(***) 24 hpi	
	BMM	Primary	2×10^5				~10^8 CFU/mL(***) 24 hpi	
	hMM	Primary	ND				~10^9 CFU/mL(***) 24 hpi	
	hNeu	Primary	ND				~10^7 CFU/mL(***) 2 hpi	
	BMM	Primary	ND	IF	50	> 10 %, 4 hpi > 20 %, 24 hpi	~1/cell, 24 h pi	[10]
	hMM	Primary	ND			> 15 %, 4 hpi > 30 %, 24 hpi	~2/cell(**), 24 h pi	
Listeria monocytogenes	hNeu	Primary	ND	IF	1	> 80 %, 0.5 hpi	4.24±0.44/cell(**), 0.5 hpi	[14]
					10	> 90 %, 0.5 hpi	5.38 ± 0.77/cell(**), 5 hpi	
	BMM	Primary	2×10^5	CFU	20	ND	20/cell, 1 hpi	[15]
	Caco-2	Epithelial	ND	FACS	50	30 %, 3 hpi	ND	[16]
	hDC	Primary	5×10^5	EM	50	> 80 %, 1.5 hpi	10 – 35/cell, 1.5 hpi	[17]
	hGran	Primary	ND	FACS CFU	20	> 20 %, 1 hpi	214±188/100 cells, 1 hpi (female donors) 80±51/100 cells, 1 hpi (male donors)	[18]
	hMono	Primary	ND			> 95 %, 1 hpi	344±209/100 cells, 1 hpi (female donors) 113±42/100 cells, 1 hpi (male donors)	

(*) Number of bacteria per cell, CFU and/or increase in CFU (post infection) observed
(**) Microscopy based
(***) Total volume of the lysate unspecified

(1) **BMDCs**: Bone Marrow derived Dendritic Cells; **BMMs**; Bone Marrow derived Macrophages, **PEMs**: Peritoneal Macrophages; **h:** human; **MM**: Monocyte derived Macrophage; **Neu**: Neutrophils; **Mono**: Monocytes; **Gran**: Granulocytes; **M**: Mouse; **ND**: Not described.
(2) **CFU**: Colony Forming Units; **IF**: Immunofluorescence; **FACS**: Fluorescent Assisted Cell Sorting; **EM**: Electron Microscopy.
(3) **MOI**: Multiplicity Of Infection; **ND**: Not described.
(4) **hpi**: hours post-infection; **dpi**: days post-infection; **ND**: Not described

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