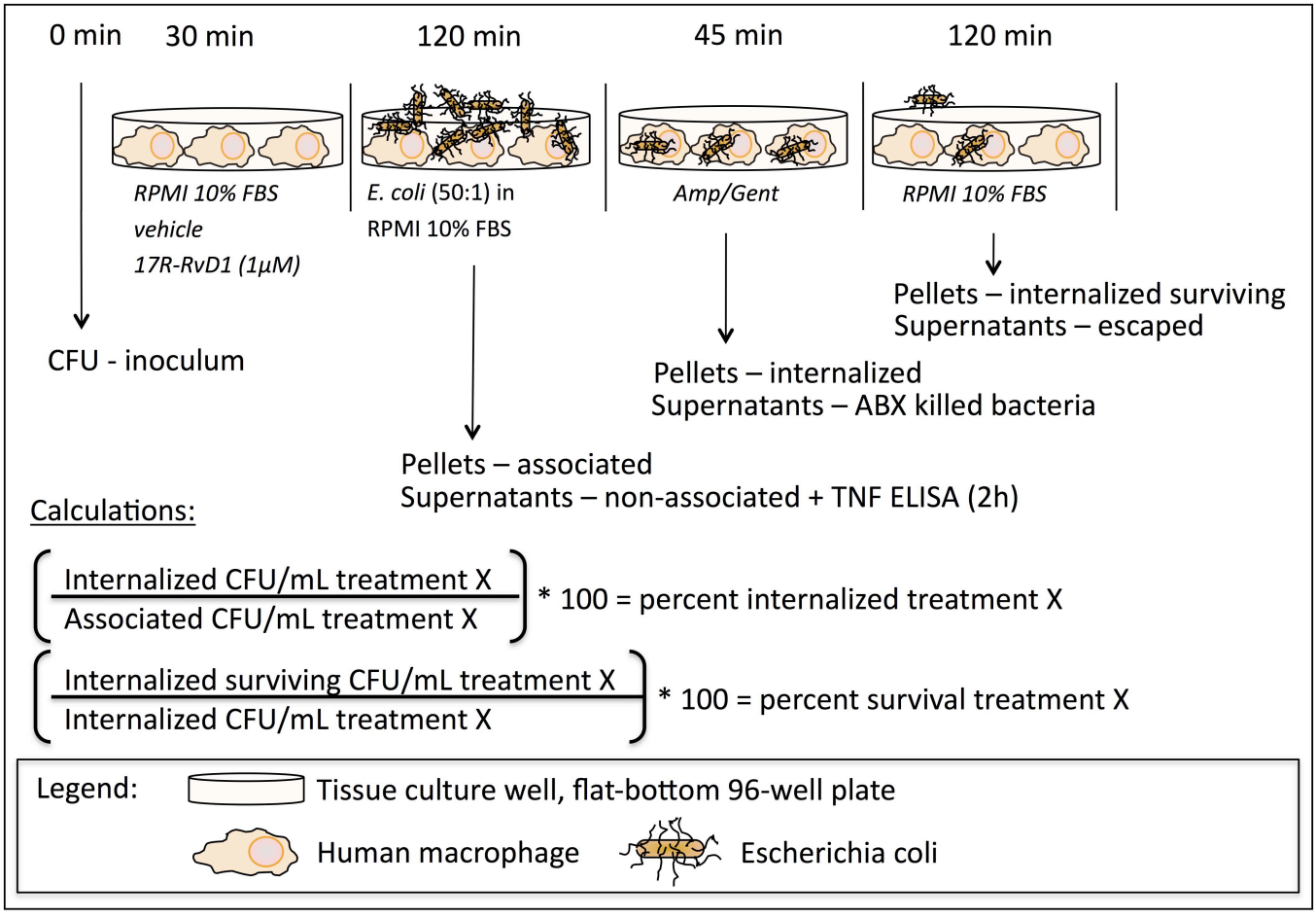
Figure S1

A)


0 min
30 min
120 min
45 min
120 min
RPMI 10% FBS
vehicle
17R-RvD1 (1μM)
E. coli (50:1) in
RPMI 10% FBS
Amp/Gent
RPMI 10% FBS
CFU - inoculum
Pellets – internalized surviving
Supernatants – escaped
Pellets – internalized
Supernatants – ABX killed bacteria
Pellets – associated
Supernatants – non-associated + TNF ELISA (2h)
Calculations:
Internalized CFU/mL treatment X / Associated CFU/mL treatment X * 100 = percent internalized treatment X
Internalized surviving CFU/mL treatment X / Internalized CFU/mL treatment X * 100 = percent survival treatment X
Legend:
Tissue culture well, flat-bottom 96-well plate
Human macrophage
Escherichia coli

B)

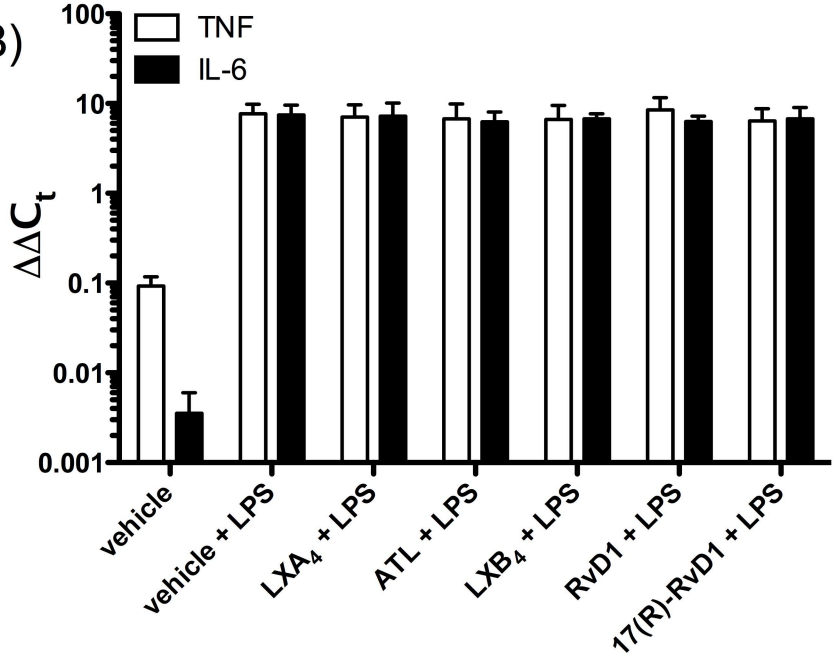

TNF
IL-6
100
10
1
0.1
0.01
0.001
ΔΔCt
vehicle
vehicle + LPS
LXA4 + LPS
ATL + LPS
LXB4 + LPS
RvD1 + LPS
17(R)-RvD1 + LPS

Figure S2

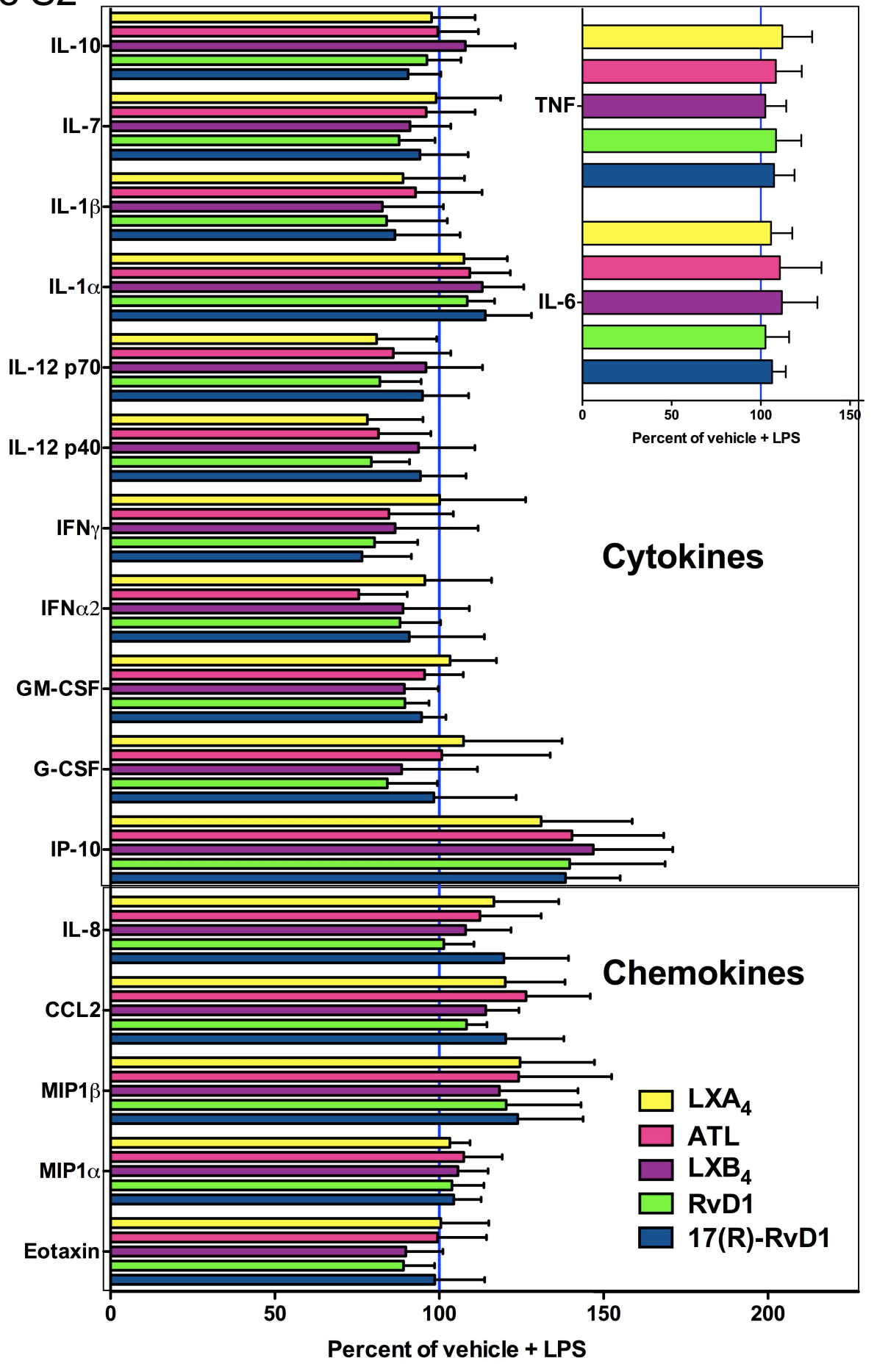
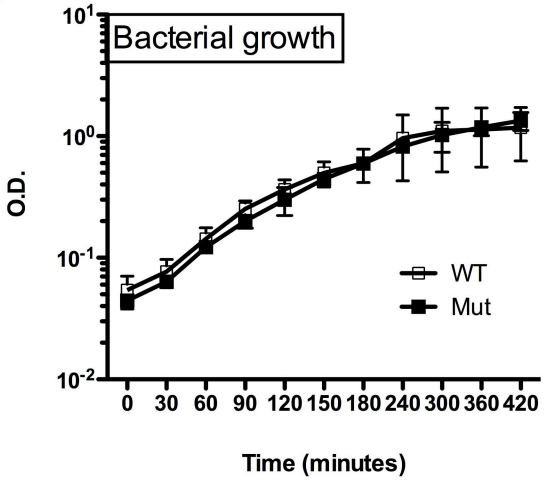
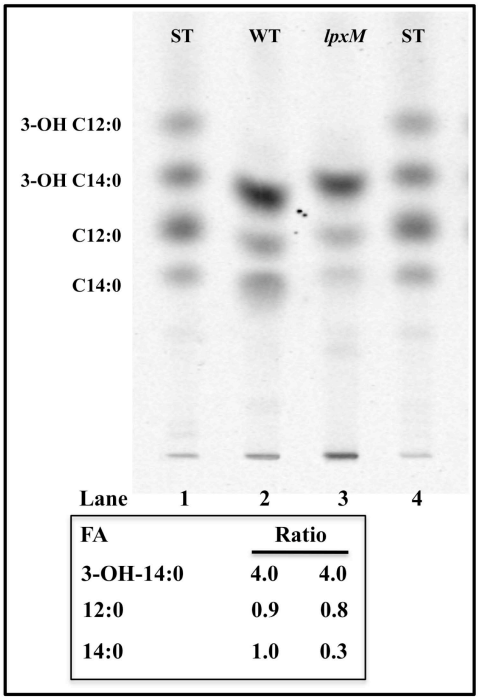

IL-10
IL-7
IL-1β
IL-1α
IL-12 p70
IL-12 p40
IFNγ
IFNα2
GM-CSF
G-CSF
IP-10
TNF
IL-6
0
50
100
150
Percent of vehicle + LPS
Cytokines
IL-8
CCL2
MIP1β
MIP1α
Eotaxin
Chemokines
LXA4
ATL
LXB4
RvD1
17(R)-RvD1
0
50
100
150
200
Percent of vehicle + LPS

Figure S3

A)

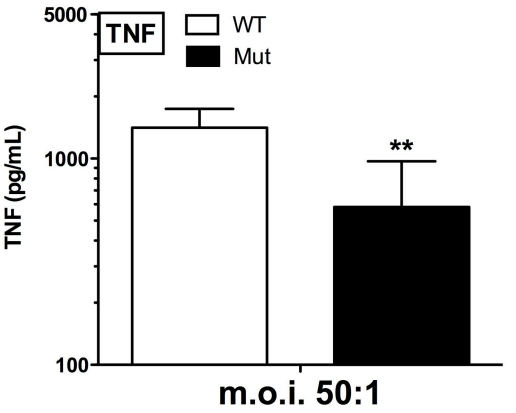


B)

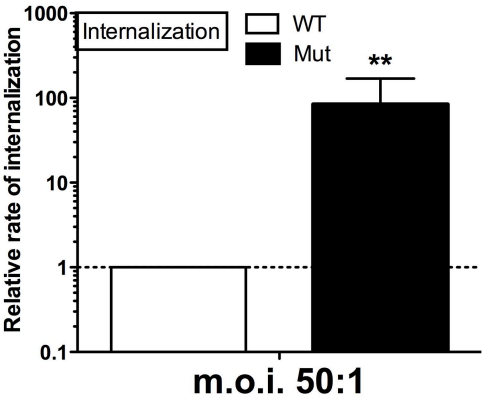
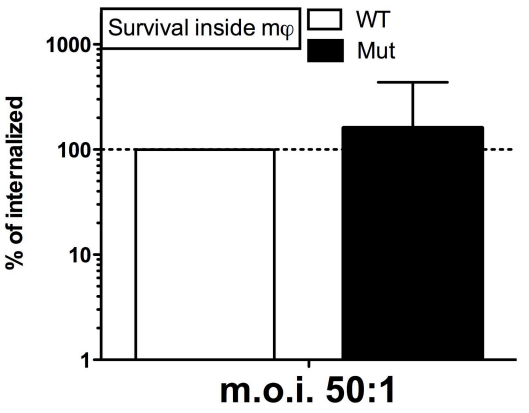


FA	Ratio	
3-OH-14:0	4.0	4.0
12:0	0.9	0.8
14:0	1.0	0.3

C)



D)



E)