Figure 1

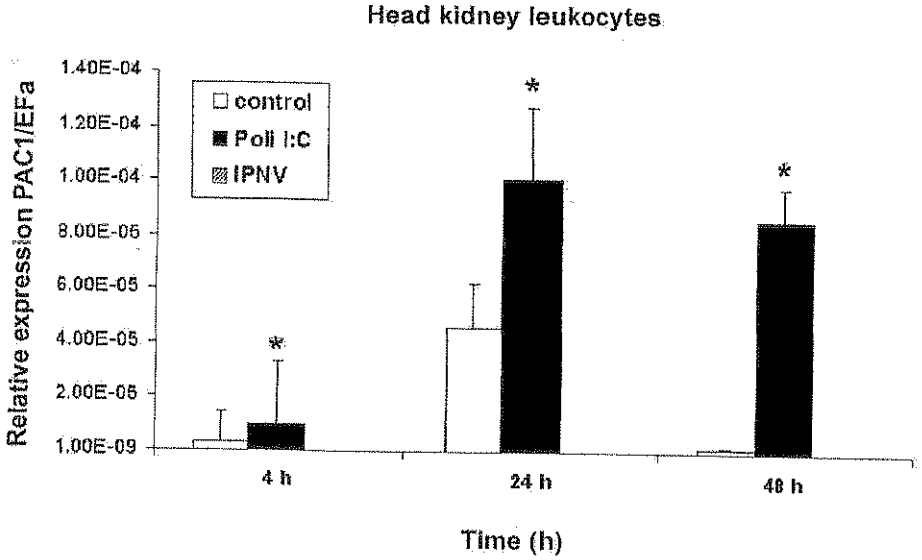


Figure 2

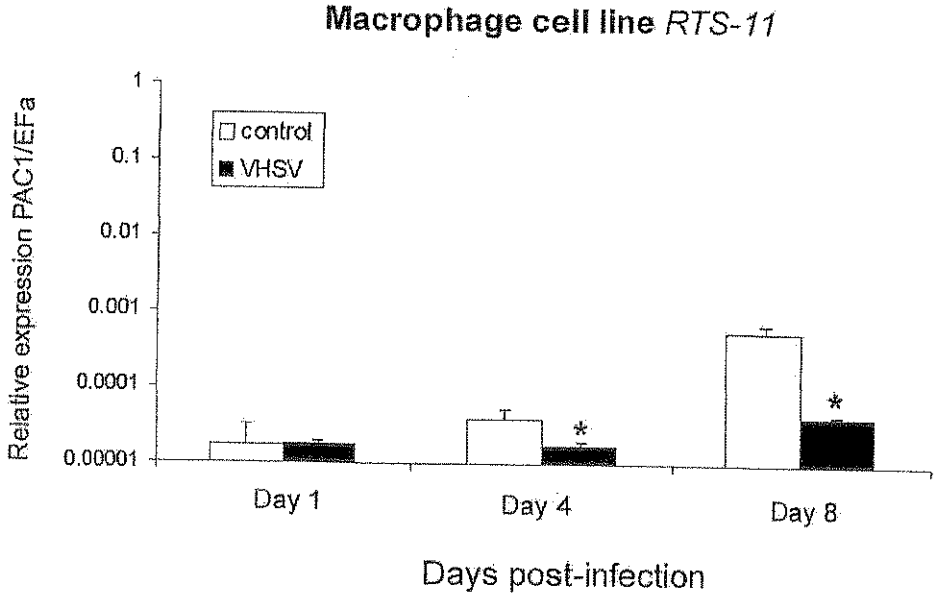


Figure 3

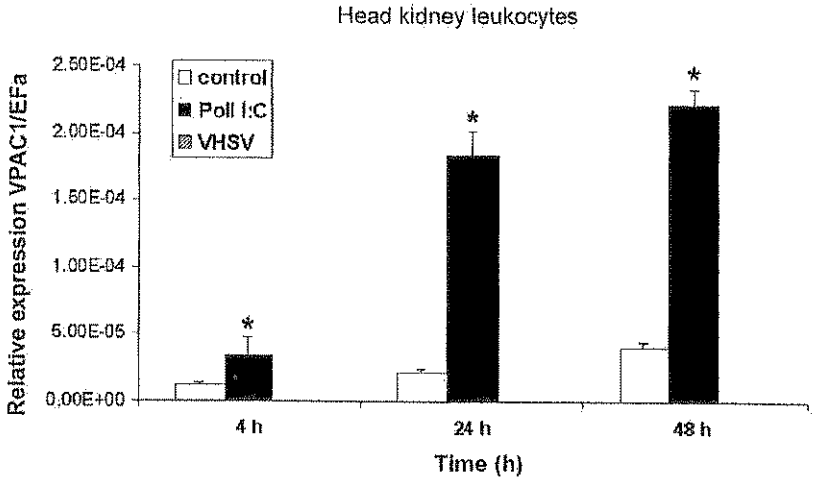


Figure 4

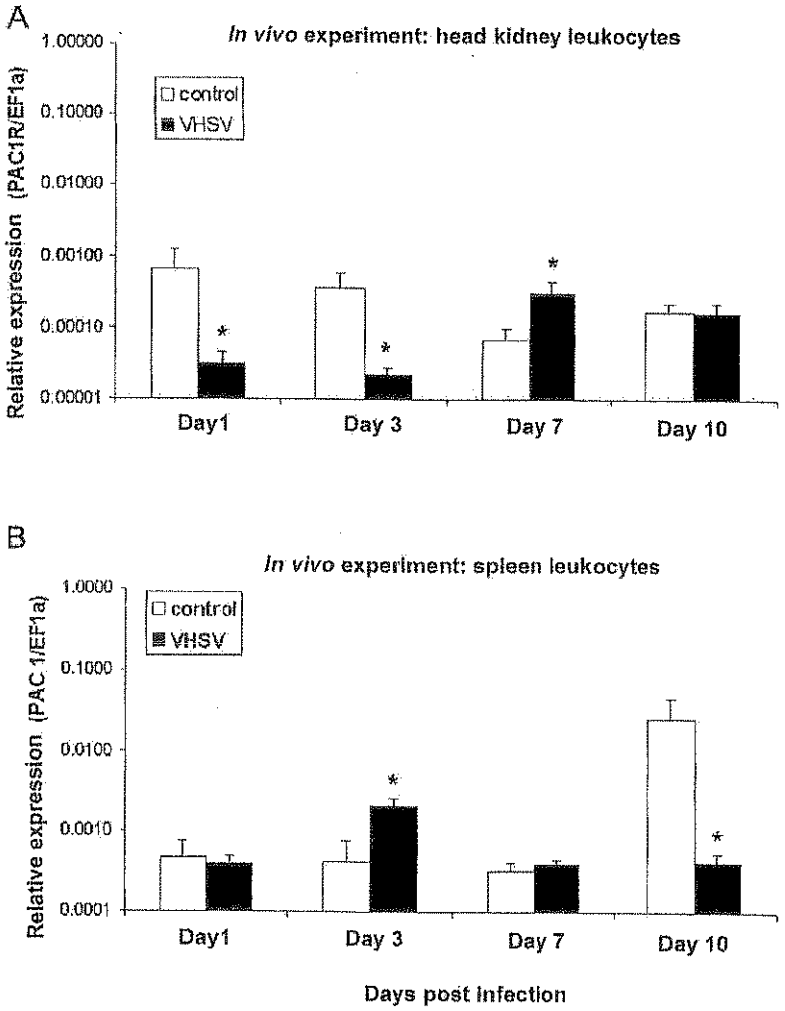


Figure 5

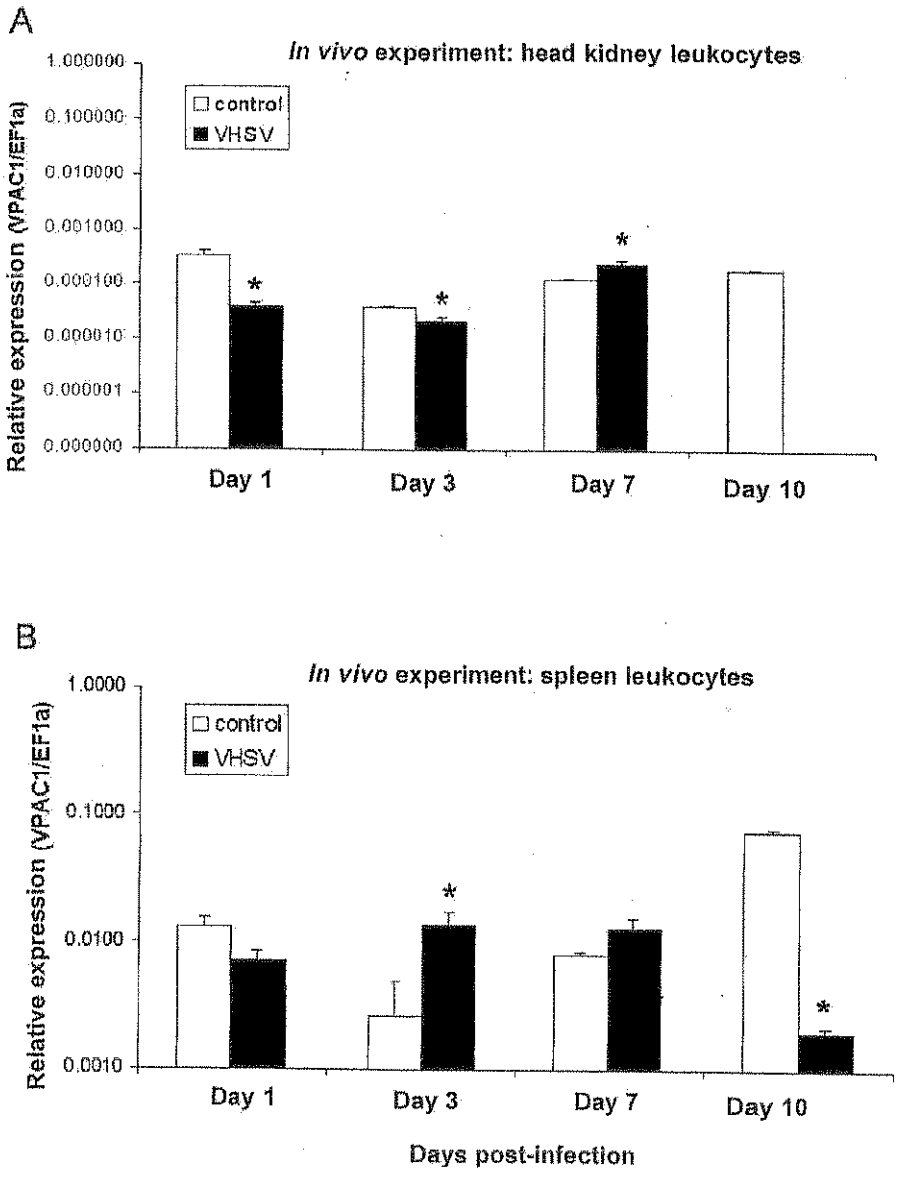

A
In vivo experiment: head kidney leukocytes
Relative expression (VPAC1/EF1a)
1.000000
0.100000
0.010000
0.001000
0.000100
0.000010
0.000001
0.000000
control
VHSV
*
Day 1
Day 3
Day 7
Day 10
B
In vivo experiment: spleen leukocytes
Relative expression (VPAC1/EF1a)
1.0000
0.1000
0.0100
0.0010
control
VHSV
Day 1
Day 3
Day 7
Day 10
Days post-infection

Figure 6

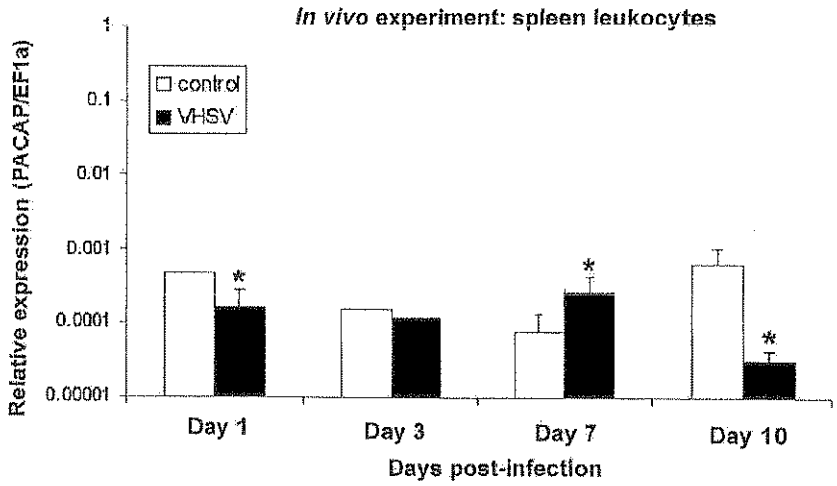
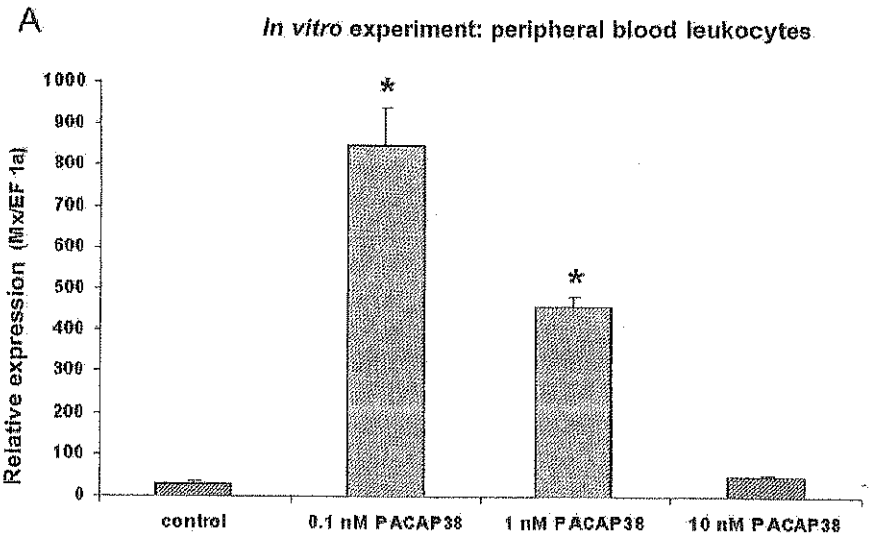


Figure 7



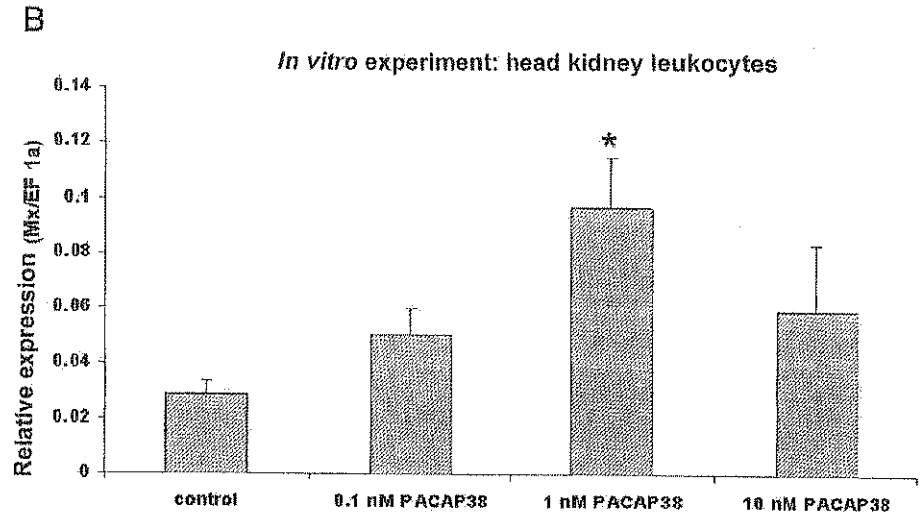


Figure 8

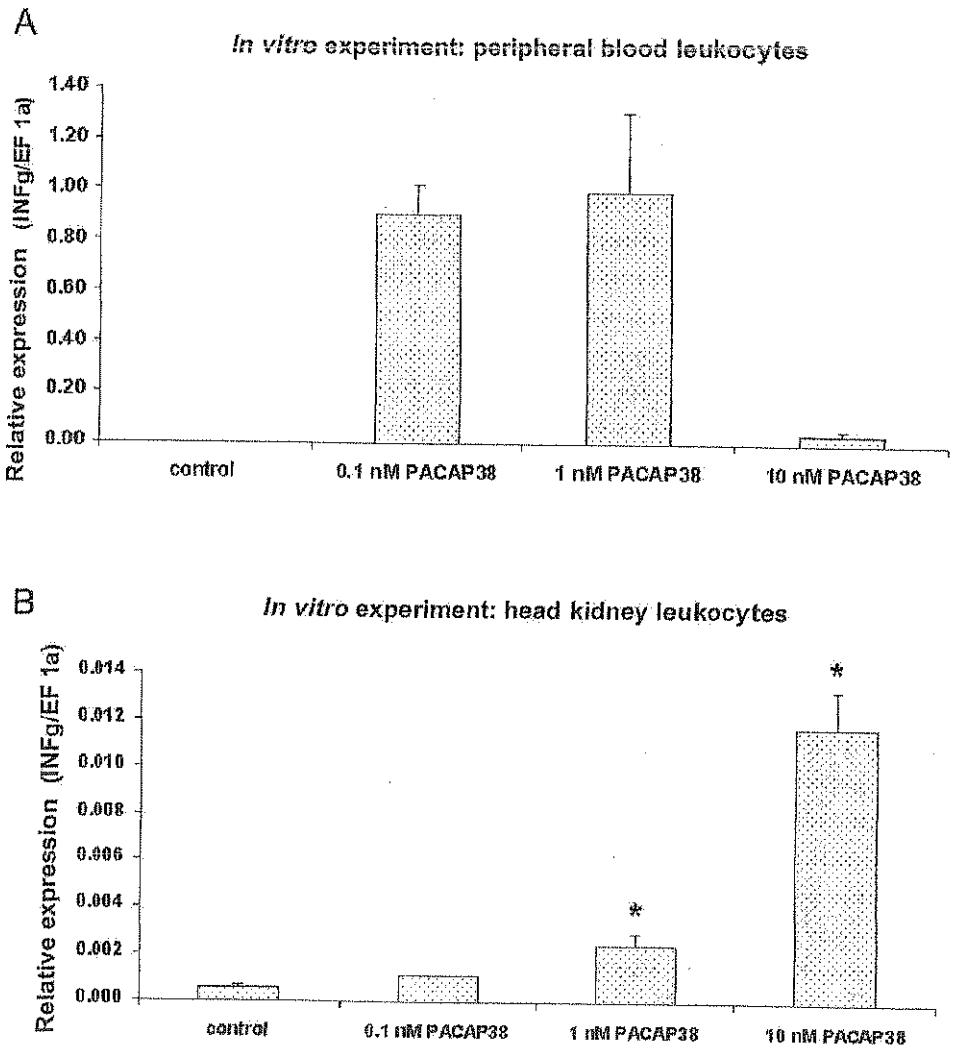

A
In vitro experiment: peripheral blood leukocytes
Relative expression (INFg/EF 1a)
1.40
1.20
1.00
0.80
0.60
0.40
0.20
0.00
control
0.1 nM PACAP38
1 nM PACAP38
10 nM PACAP38
B
In vitro experiment: head kidney leukocytes
Relative expression (INFg/EF 1a)
0.014
0.012
0.010
0.008
0.006
0.004
0.002
0.000
*
*
control
0.1 nM PACAP38
1 nM PACAP38
10 nM PACAP38

Figure 9

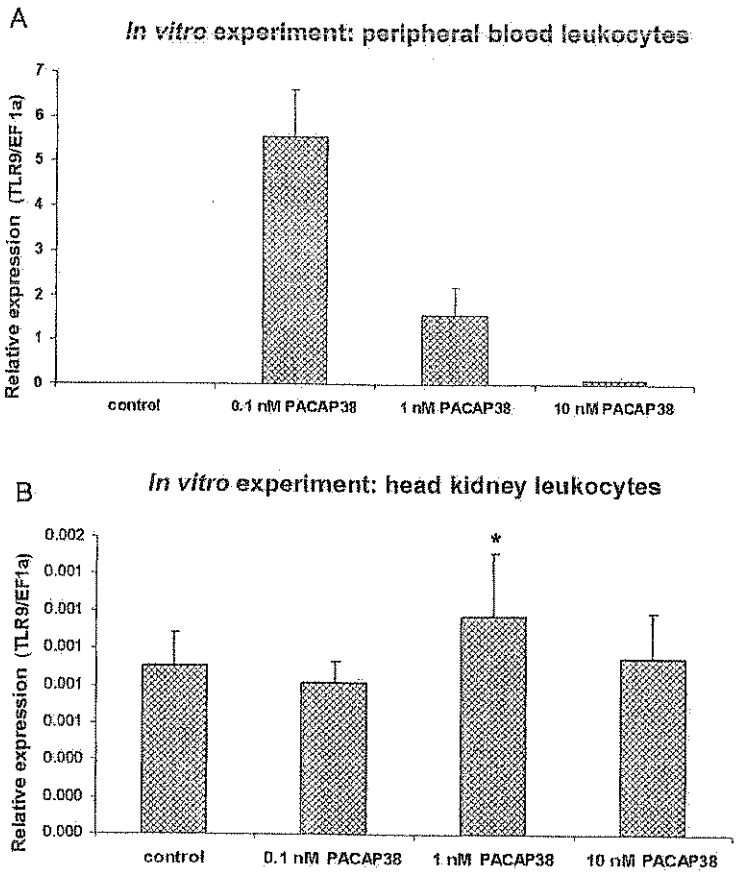


Figure 10

