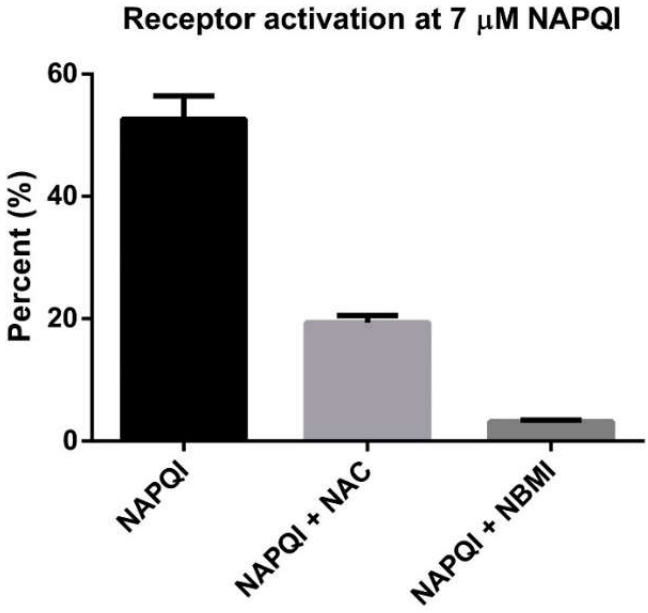
Receptor activation at 7 μM NAPQI
Percent (%)
60
40
20
0
NAPQI
NAPQI + NAC
NAPQI + NBMI

Figure 1

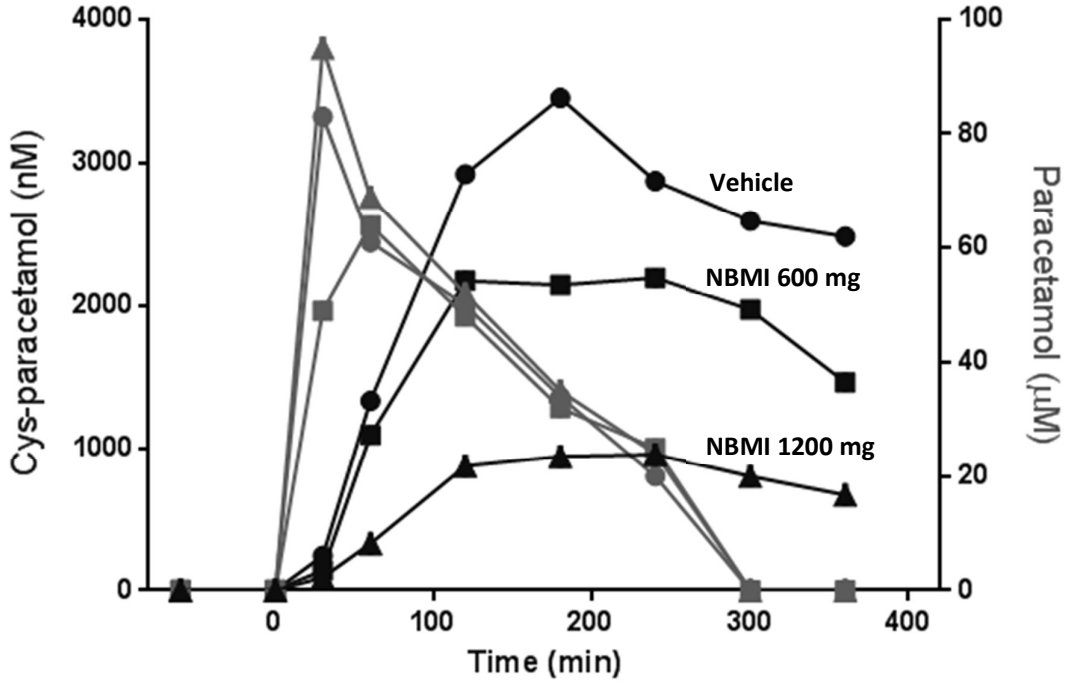

Figure 2a

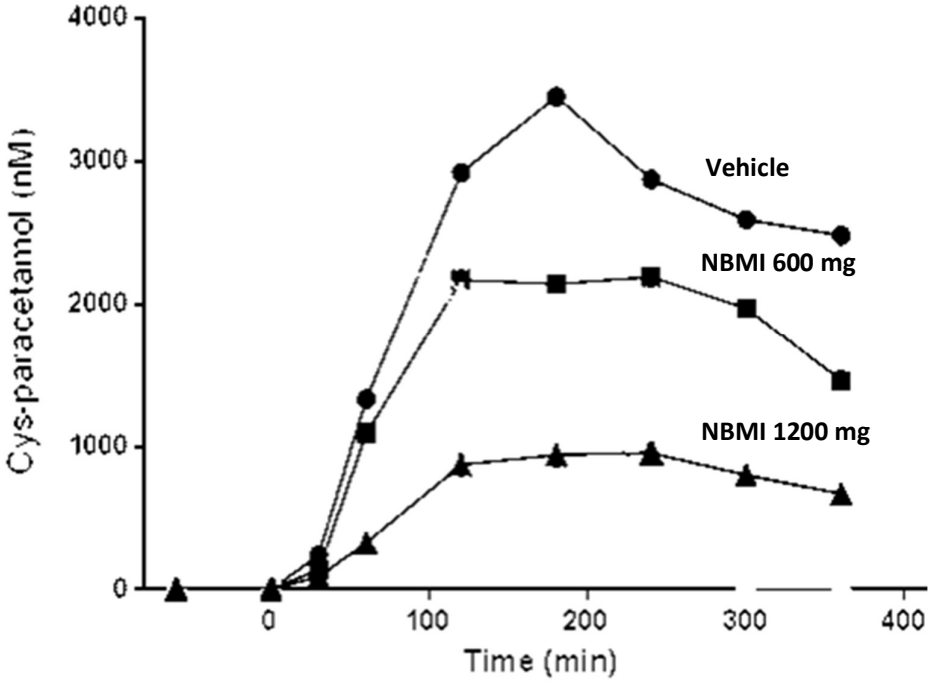

Figure 2b

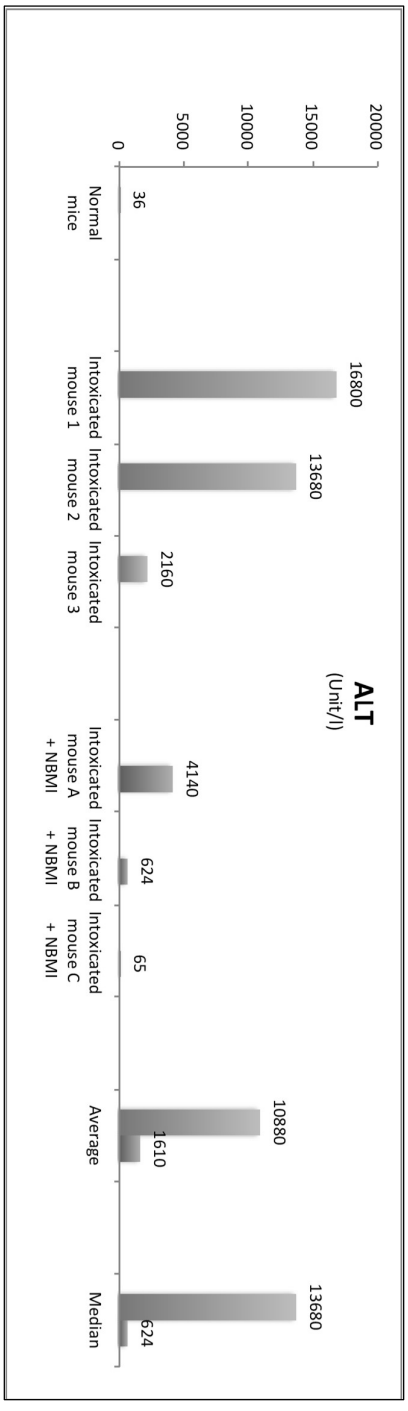
ALT
(Unit/l)
20000
15000
10000
5000
0
36
16800
13680
2160
4140
624
65
10880
1610
13680
624
Normal mice
Intoxicated mouse 1
Intoxicated mouse 2
Intoxicated mouse 3
Intoxicated mouse A + NBMI
Intoxicated mouse B + NBMI
Intoxicated mouse C + NBMI
Average
Median

Figure 3

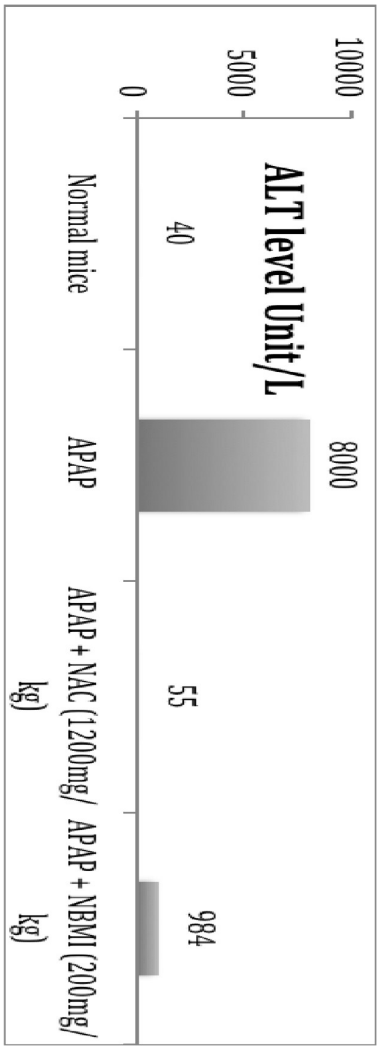
10000
5000
0
ALT level Unit/L
40
8000
55
984
Normal mice
APAP
APAP + NAC (1200mg/ kg)
APAP + NBMI (200mg/ kg)

Figure 4

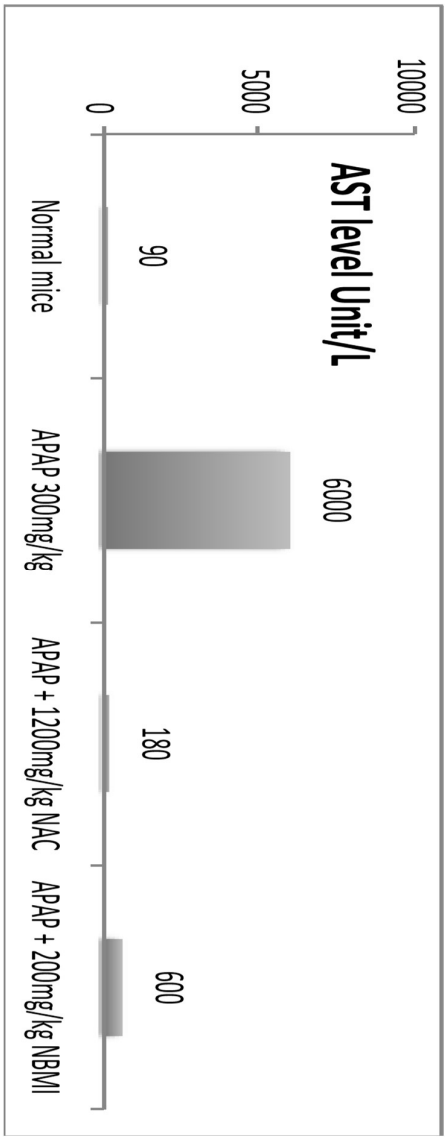
10000
5000
0
AST level Unit/L
90
6000
180
600
Normal mice
APAP 300mg/kg
APAP + 1200mg/kg NAC
APAP + 200mg/kg NBMI

Figure 5

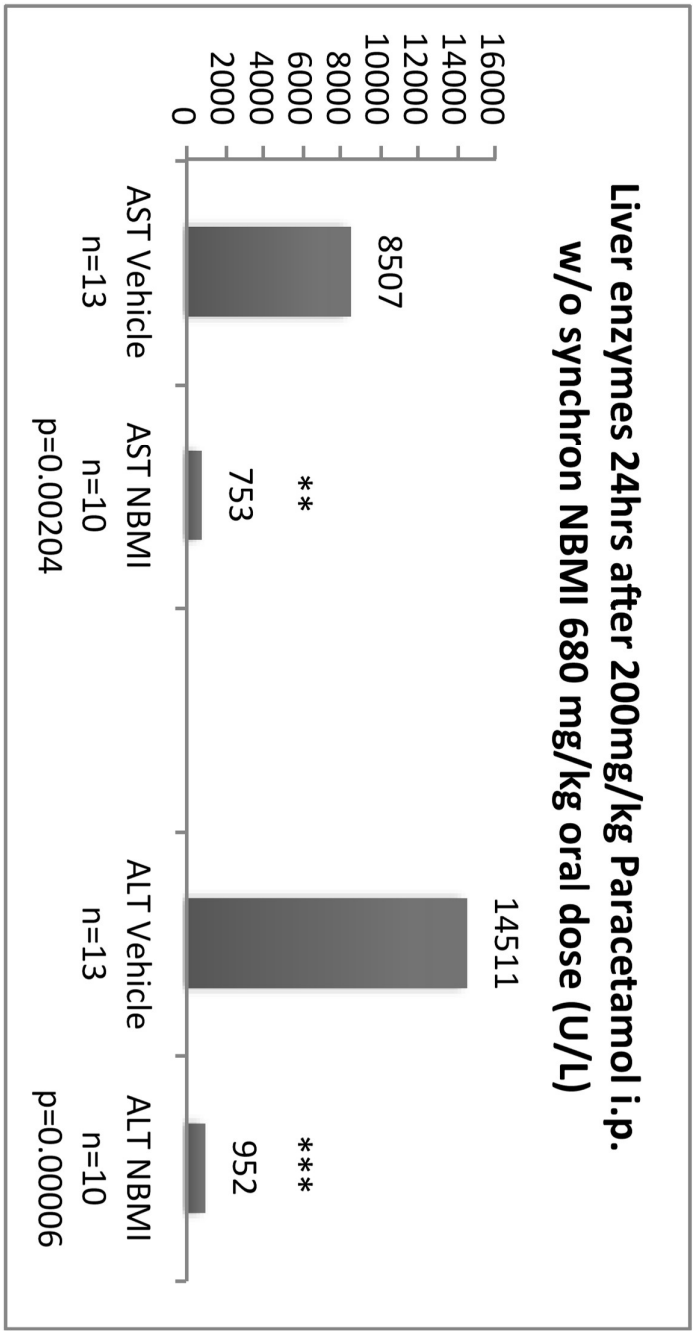
Liver enzymes 24hrs after 200mg/kg Paracetamol i.p.
w/o synchron NBMI 680 mg/kg oral dose (U/L)
16000
14000
12000
10000
8000
6000
4000
2000
0
8507
753
14511
952
**
***
AST Vehicle
n=13
AST NBMI
n=10
p=0.00204
ALT Vehicle
n=13
ALT NBMI
n=10
p=0.00006

Figure 6