FIG.1

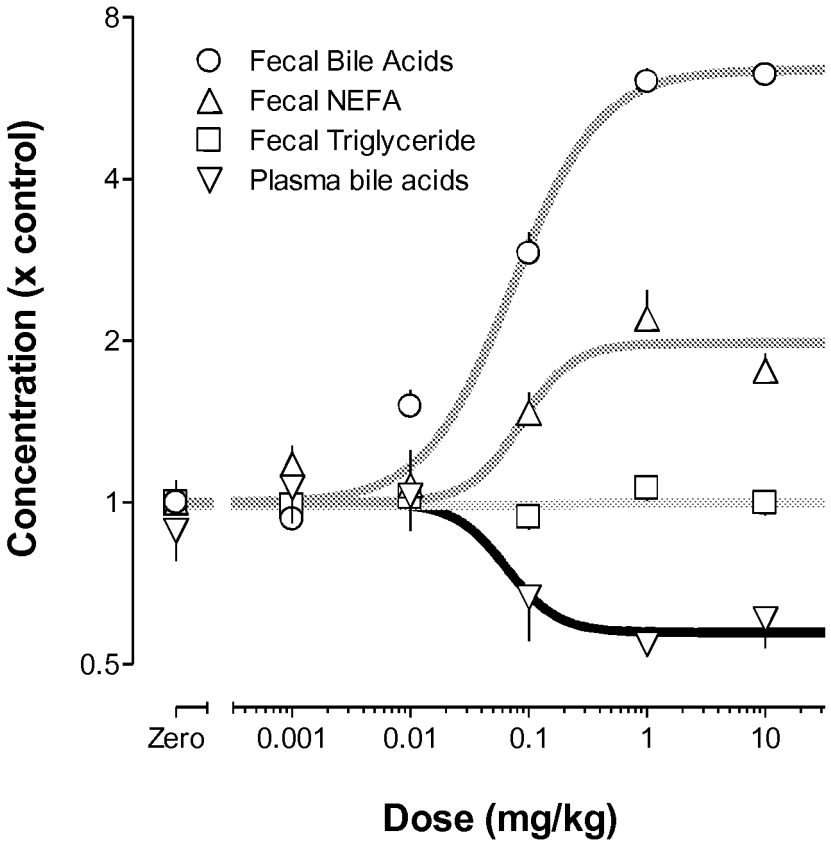

Concentration (x control)
8
4
2
1
0.5
Fecal Bile Acids
Fecal NEFA
Fecal Triglyceride
Plasma bile acids
Zero
0.001
0.01
0.1
1
10
Dose (mg/kg)

FIG.2

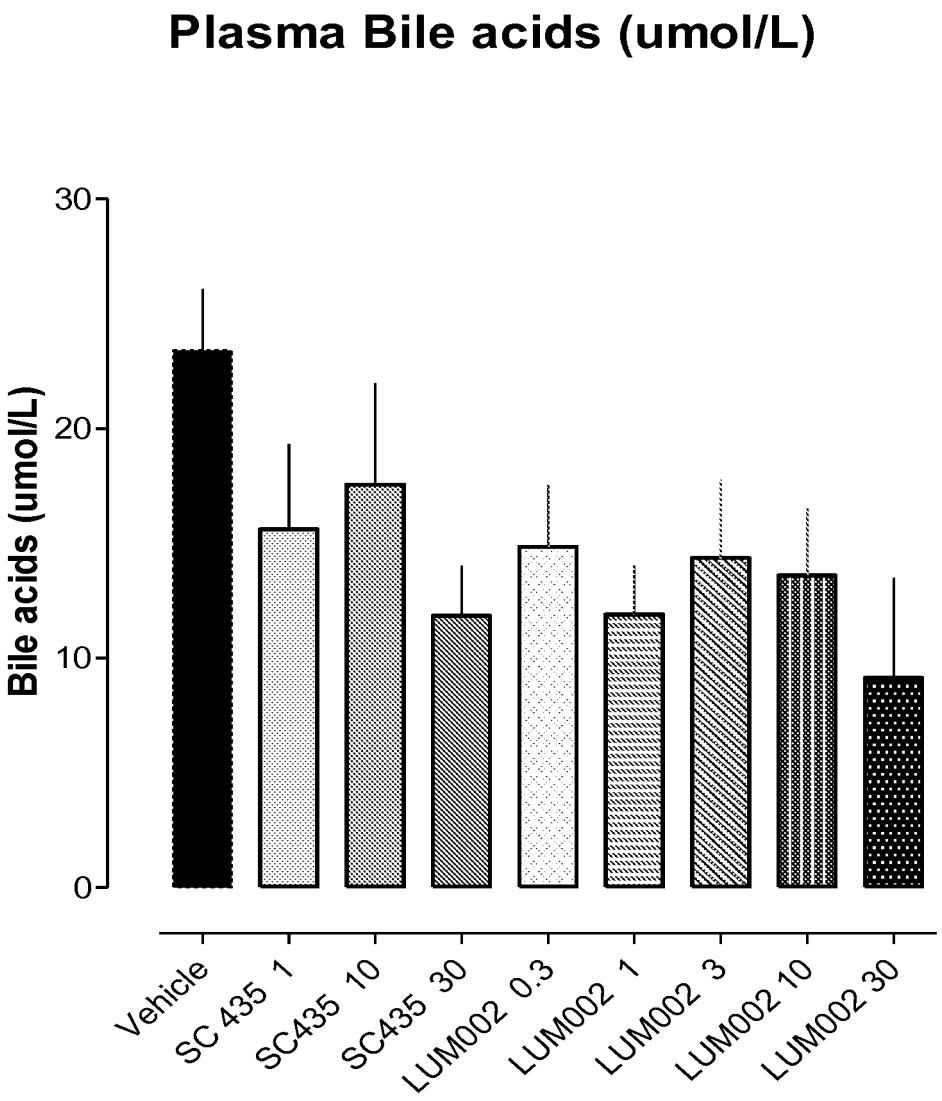
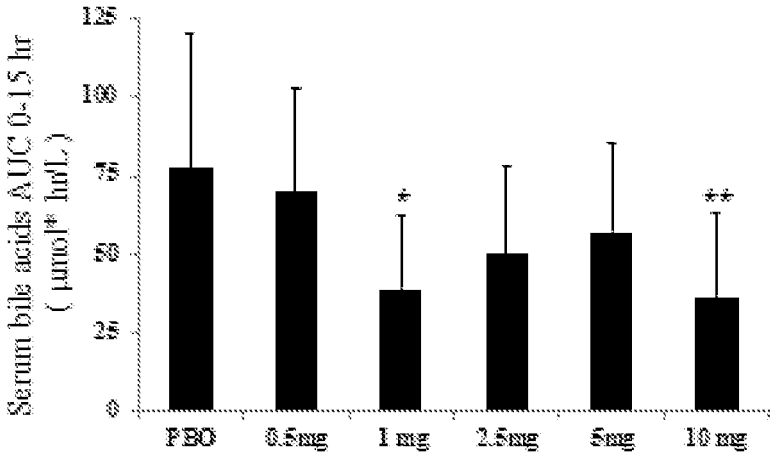
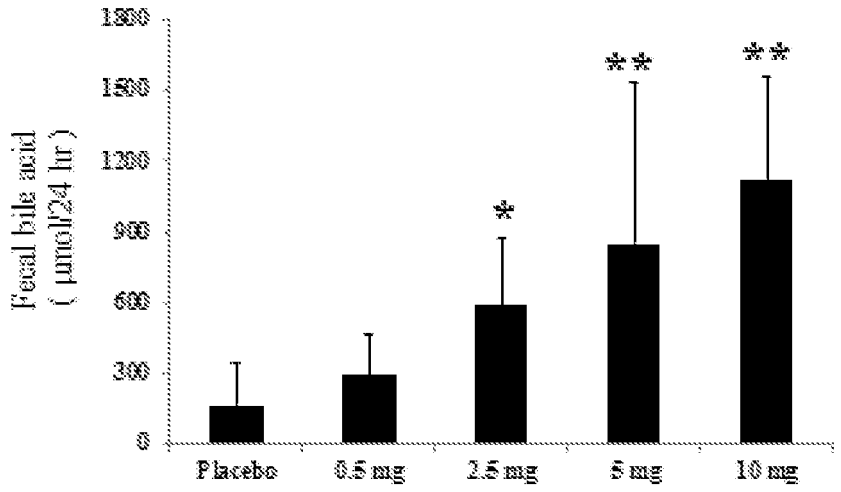

Plasma Bile acids (umol/L)
Bile acids (umol/L)
30
20
10
0
Vehicle
SC 435 1
SC435 10
SC435 30
LUM002 0.3
LUM002 1
LUM002 3
LUM002 10
LUM002 30
(mg/kg)

FIG.3



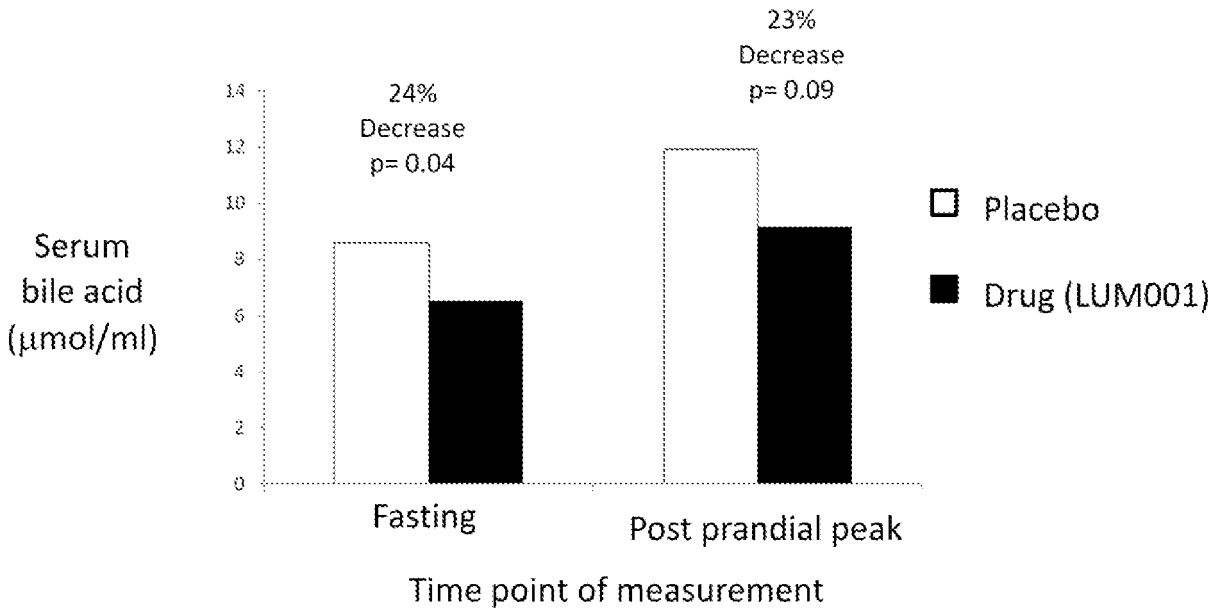
LUM001 decreases serum bile acids AUC 0-15 hr in study NB4-02-06-003
(measured on day 14; * $p < 0.05$, ** $p < 0.01$ compared to placebo)

FIG.4



LUM001 increases the mean daily total fecal bile acids in study NB4-02-06-003 (measured between day 23-28; * $p < 0.05$, ** $p < 0.01$ compared to placebo)

FIG.5


23%
Decrease
p= 0.09
24%
Decrease
p= 0.04
Serum
bile acid
(µmol/ml)
14
12
10
8
6
4
2
0
Placebo
Drug (LUM001)
Fasting
Post prandial peak
Time point of measurement