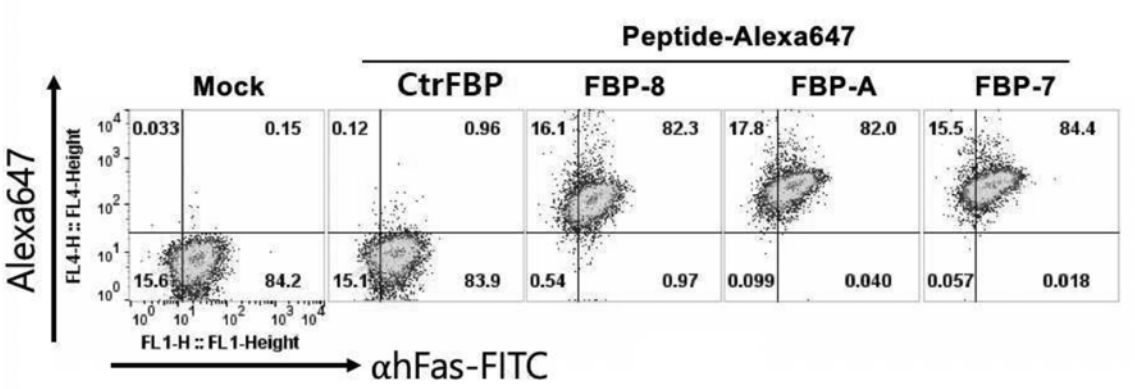
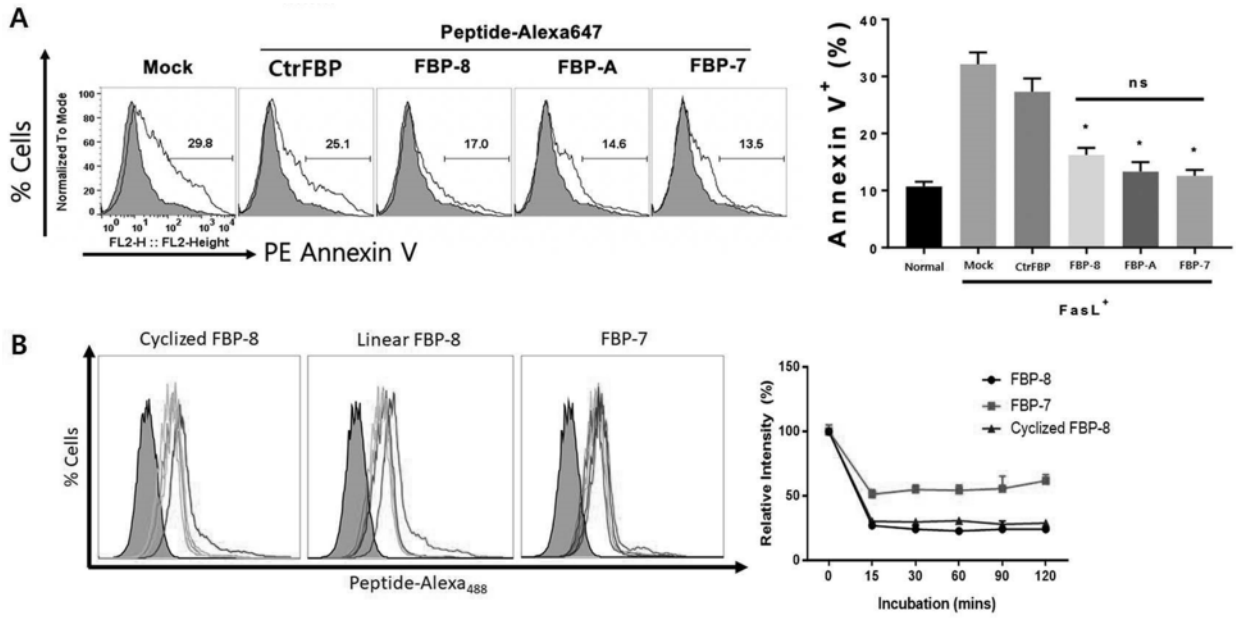
【Figures】

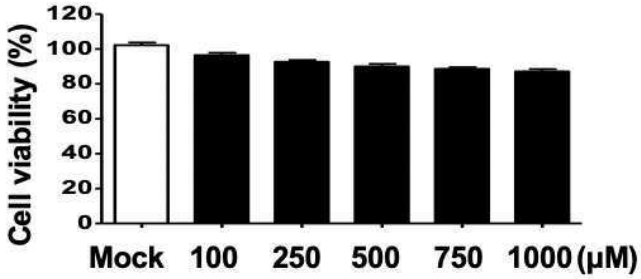
【Fig. 1】



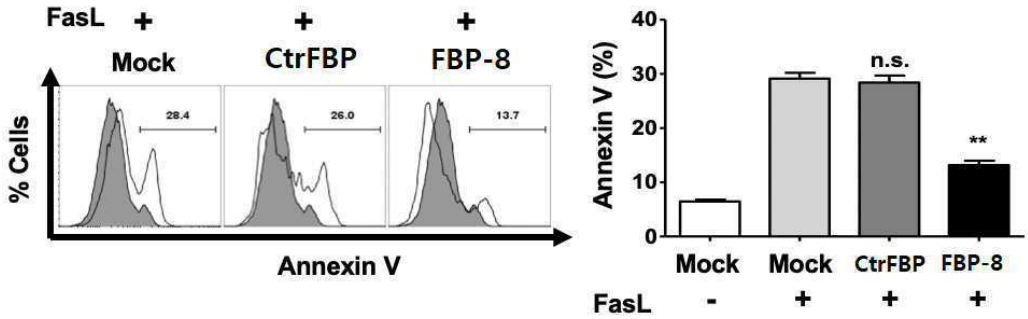
【Fig. 2】



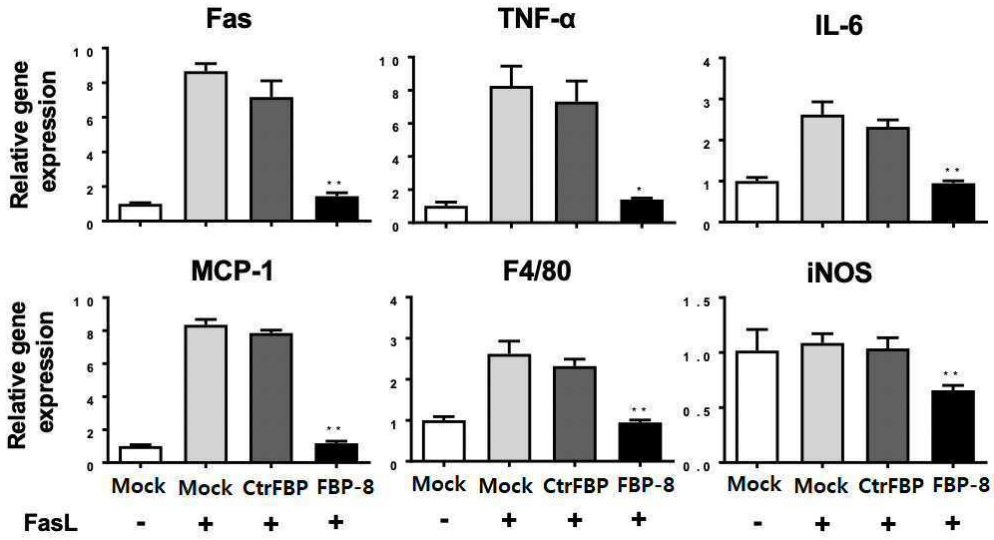
【Fig. 3】



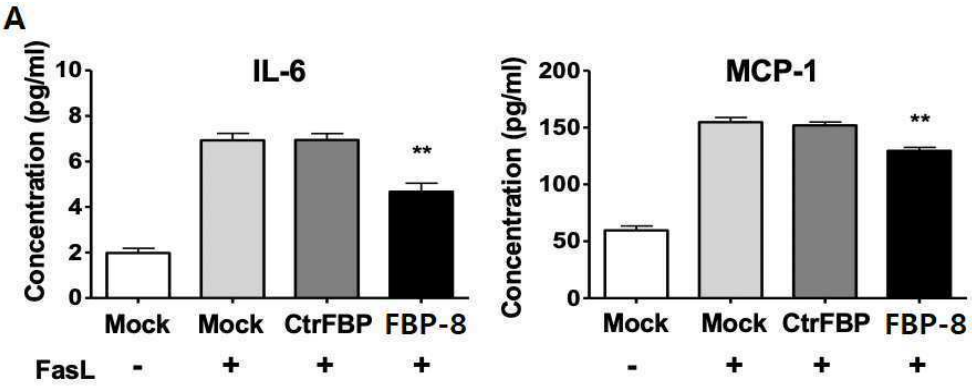
【Fig. 4】



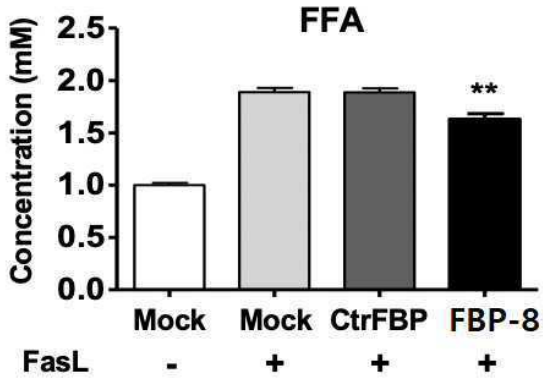
【Fig. 5】



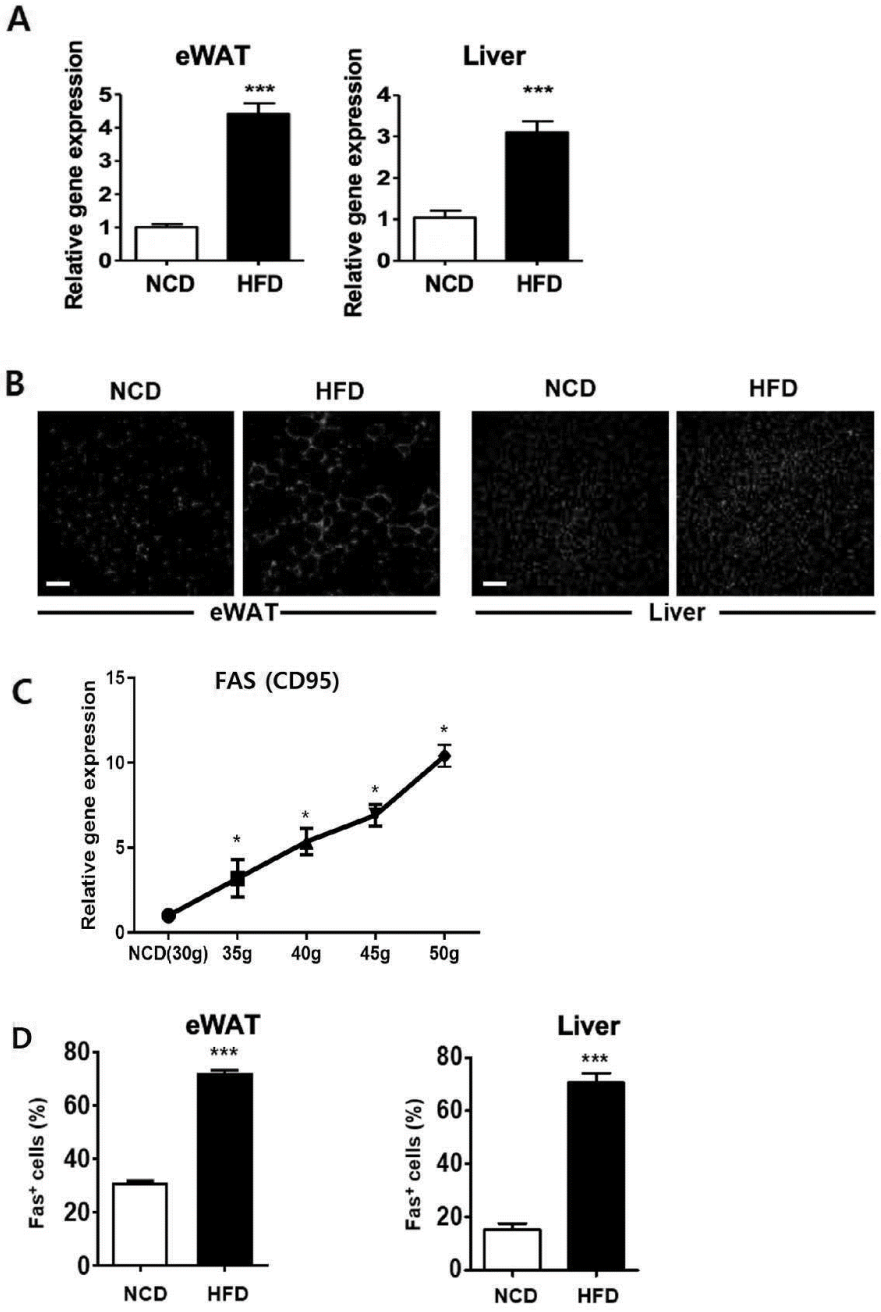
【Fig. 6】


A
IL-6
Concentration (pg/ml)
10
8
6
4
2
0
**
Mock
Mock
CtrFBP
FBP-8
FasL
-
+
+
+
MCP-1
Concentration (pg/ml)
200
150
100
50
0
**
Mock
Mock
CtrFBP
FBP-8
-
+
+
+

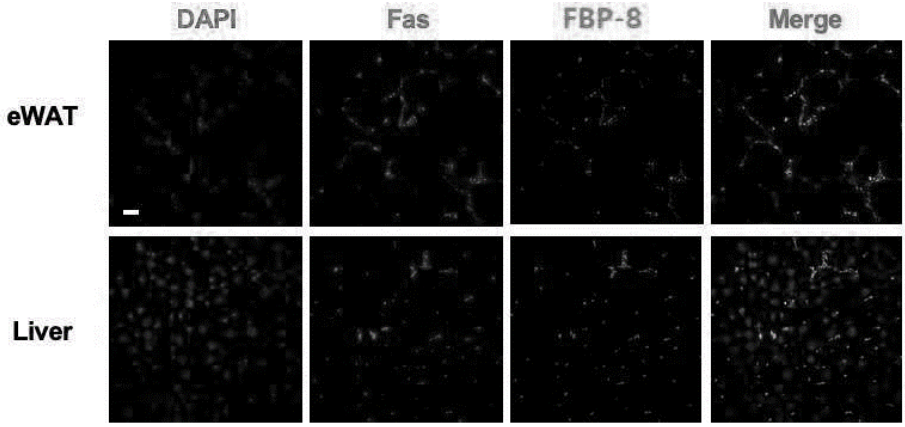
【Fig. 7】


FFA
Concentration (mM)
2.5
2.0
1.5
1.0
0.5
0.0
**
Mock
Mock
CtrFBP
FBP-8
FasL
-
+
+
+

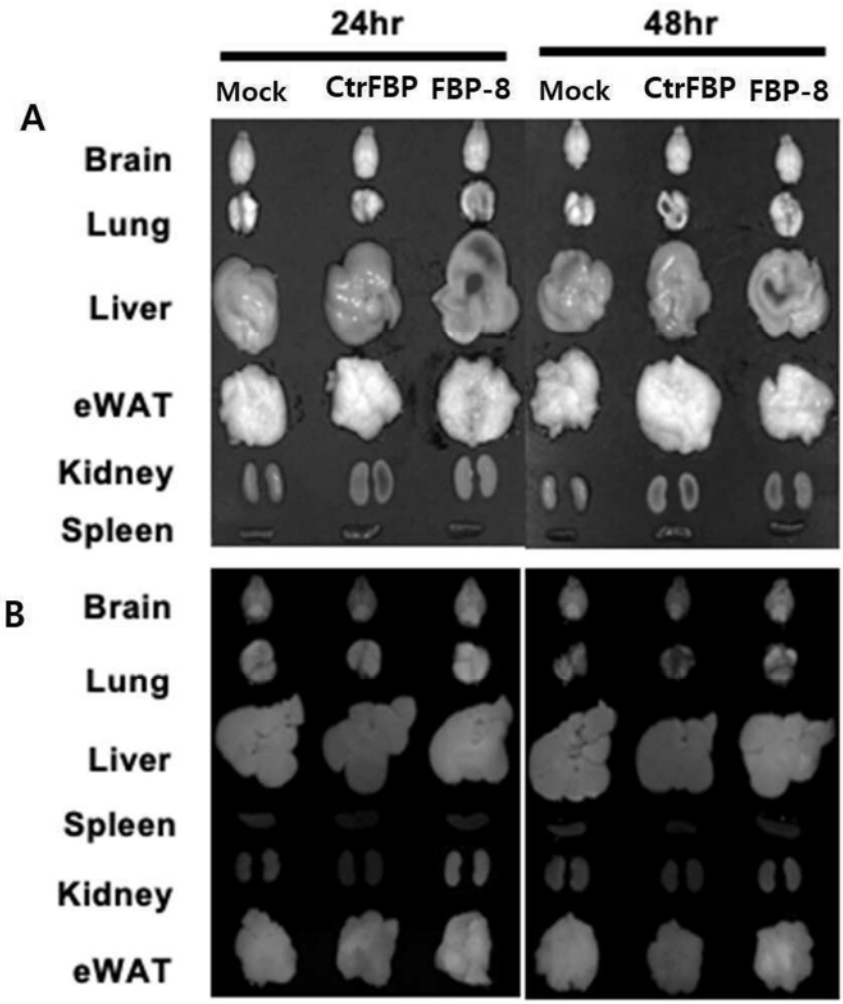
【Fig. 8】


A
eWAT
Liver
Relative gene expression
***
NCD
HFD
B
NCD
HFD
eWAT
Liver
C
FAS (CD95)
Relative gene expression
NCD(30g)
35g
40g
45g
50g
D
eWAT
Liver
Fas+ cells (%)
***
NCD
HFD

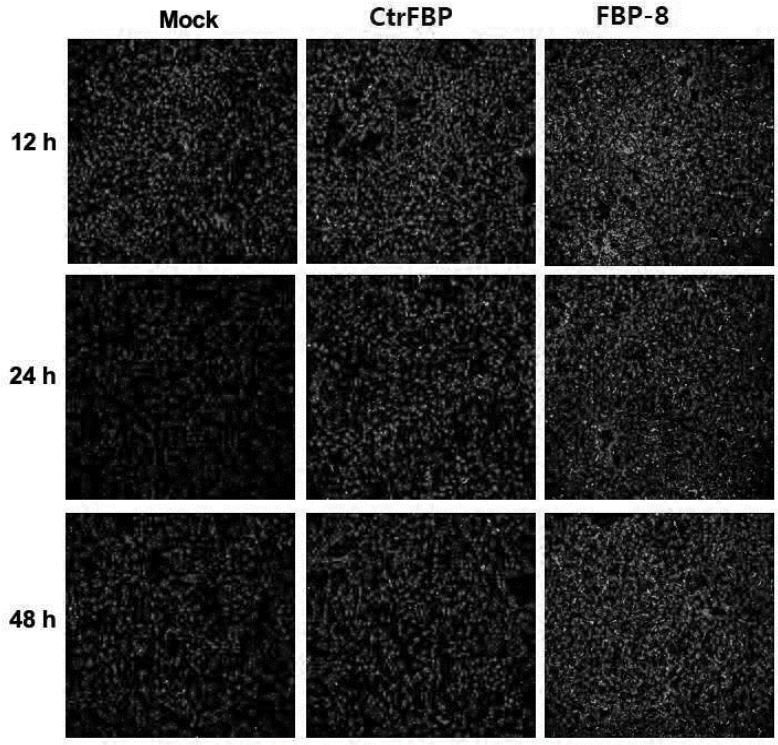
【Fig. 9】


DAPI
Fas
FBP-8
Merge
eWAT
Liver

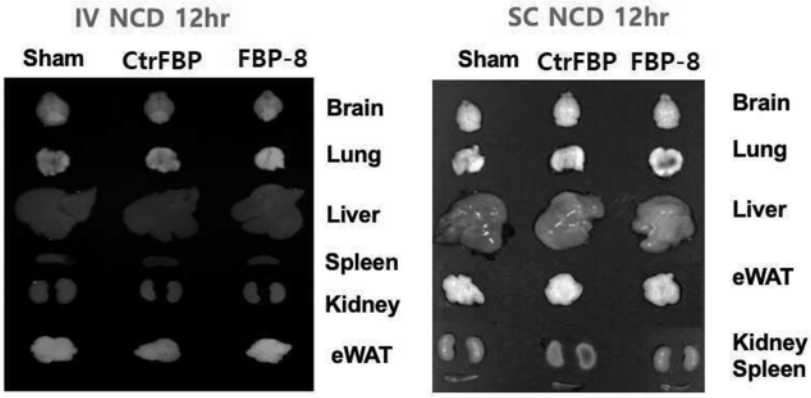
【Fig. 10】


24hr
48hr
Mock
CtrFBP
FBP-8
Mock
CtrFBP
FBP-8
A
Brain
Lung
Liver
eWAT
Kidney
Spleen
B
Brain
Lung
Liver
Spleen
Kidney
eWAT

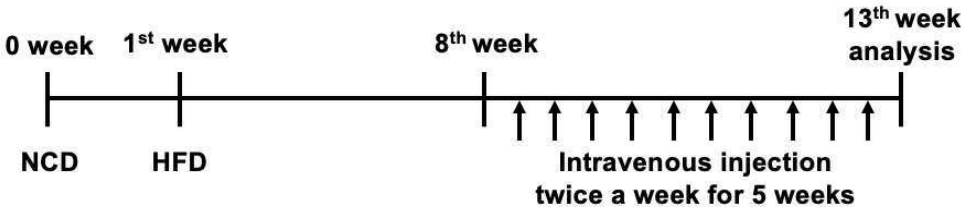
【Fig. 11】


Mock
CtrFBP
FBP-8
12 h
24 h
48 h

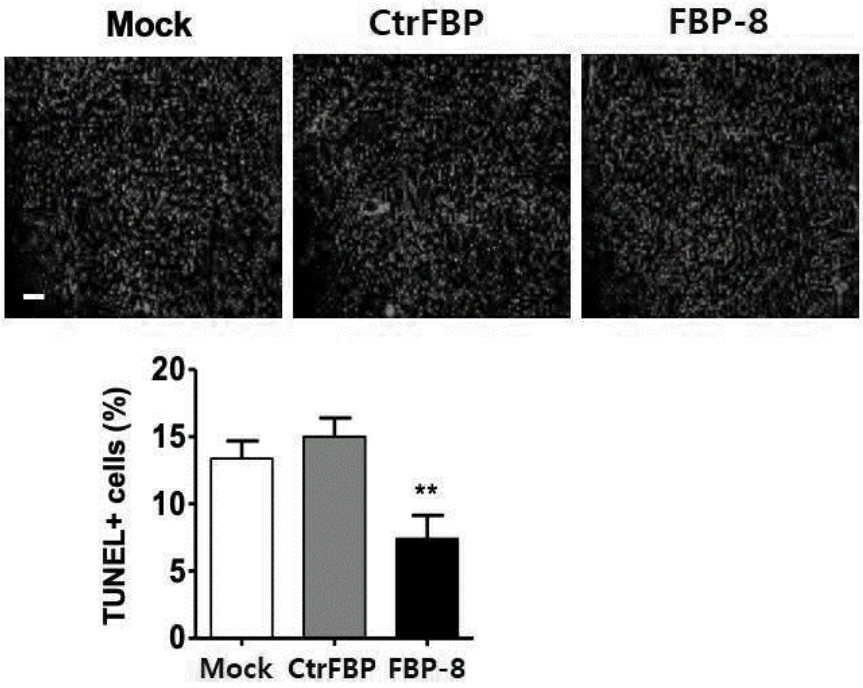
【Fig. 12】


IV NCD 12hr
Sham
CtrFBP
FBP-8
Brain
Lung
Liver
Spleen
Kidney
eWAT
SC NCD 12hr
Sham
CtrFBP
FBP-8
Brain
Lung
Liver
eWAT
Kidney
Spleen

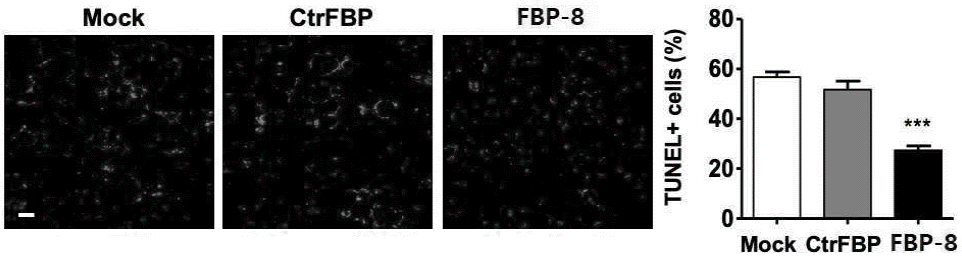
【Fig. 13】



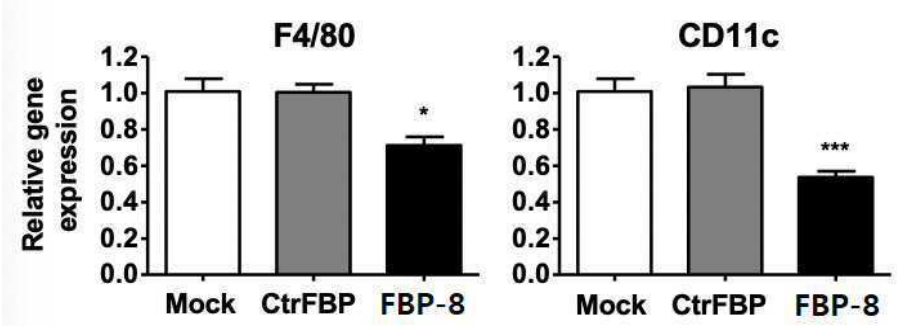
【Fig. 14】



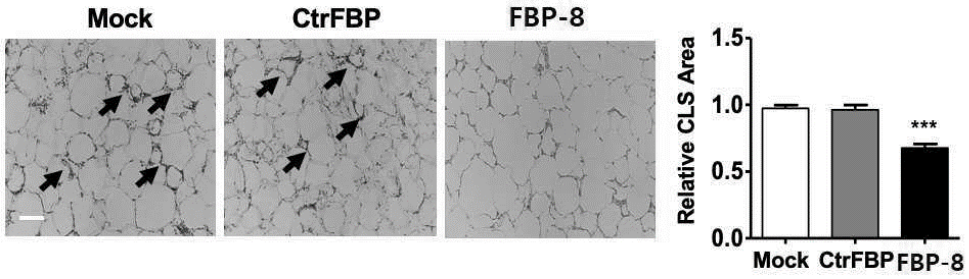
【Fig. 15】



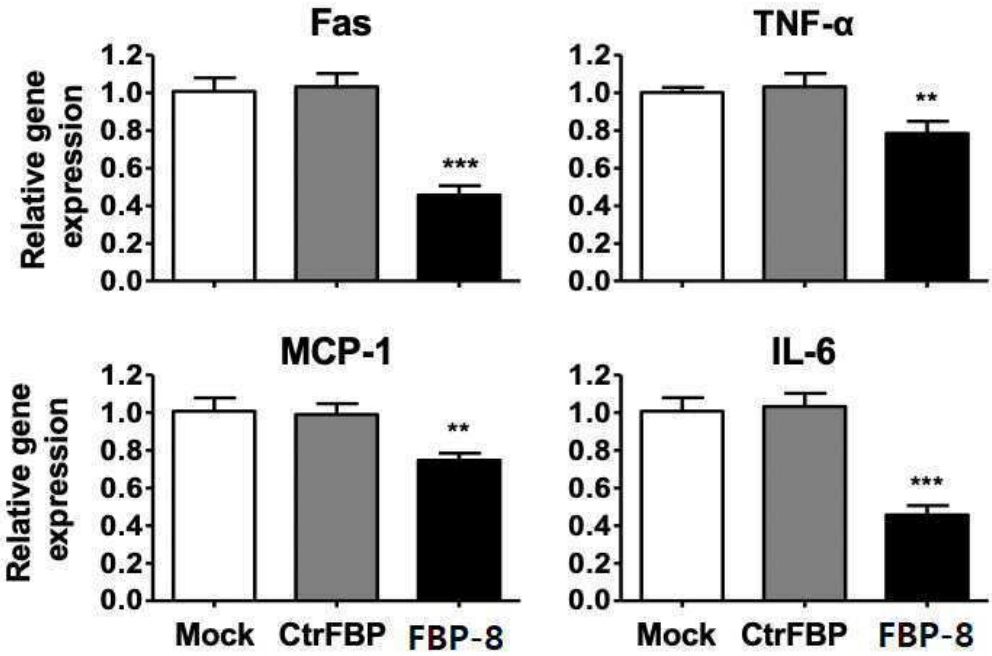
【Fig. 16】



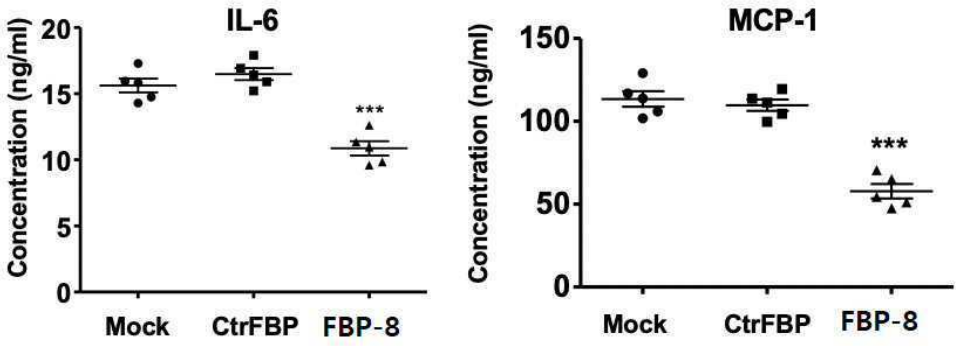
【Fig. 17】



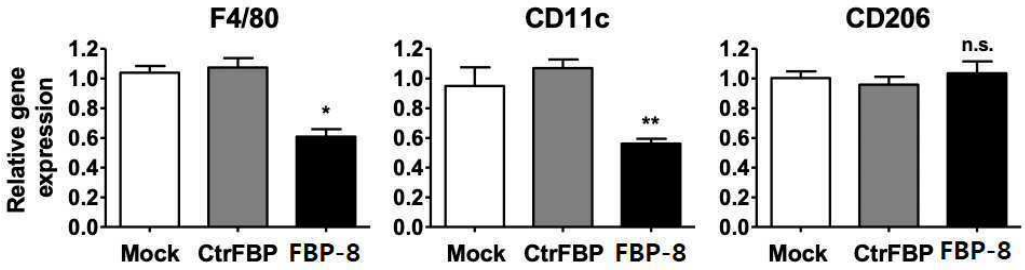
【Fig. 18】



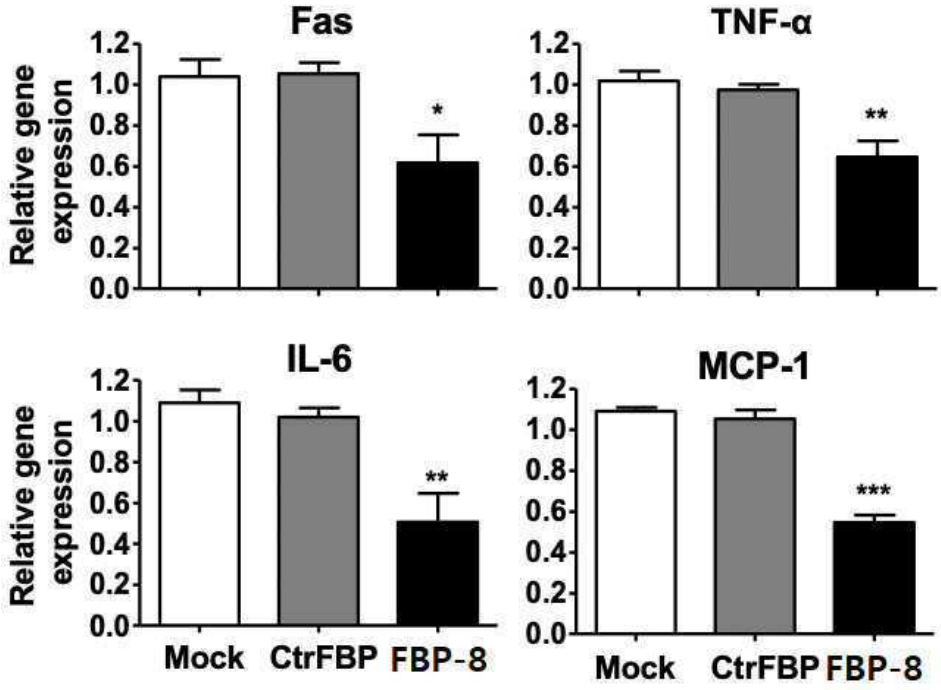
【Fig. 19】



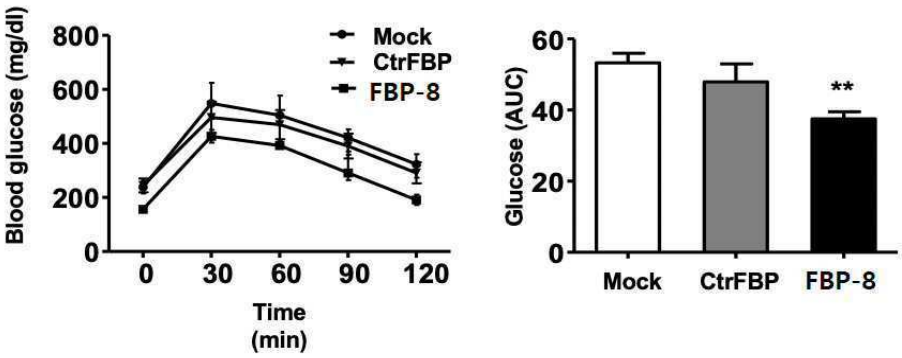
【Fig. 20】



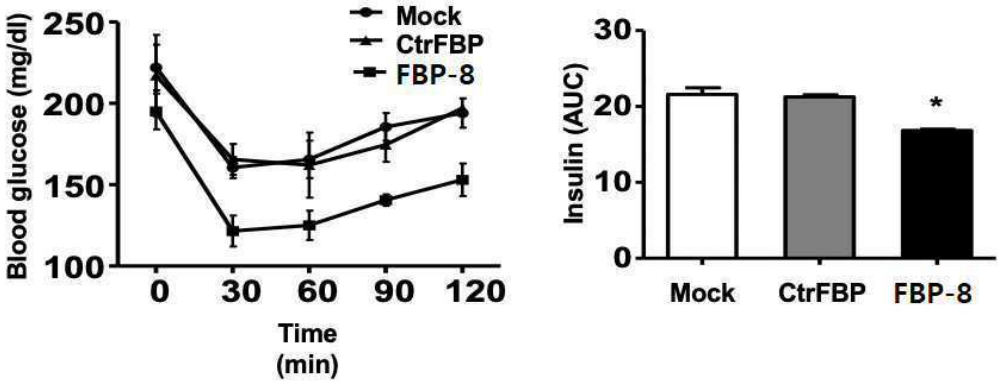
【Fig. 21】



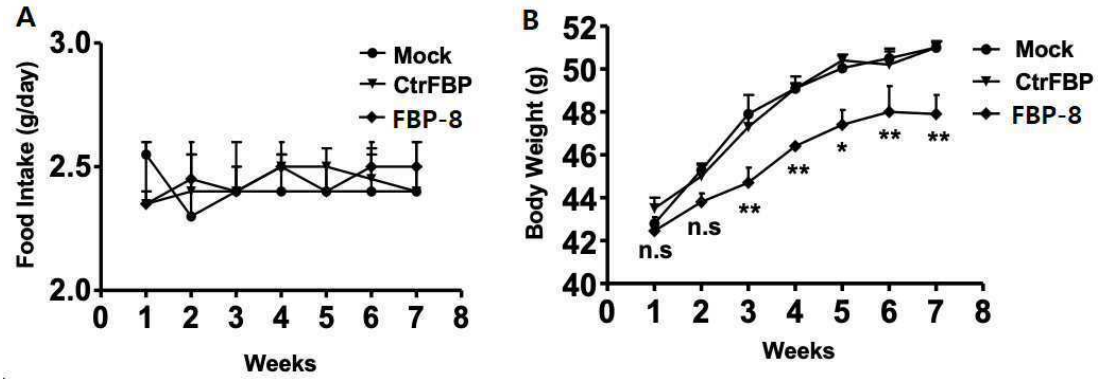
【Fig. 22】



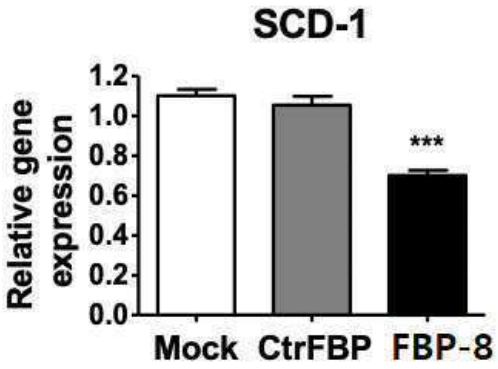
【Fig. 23】



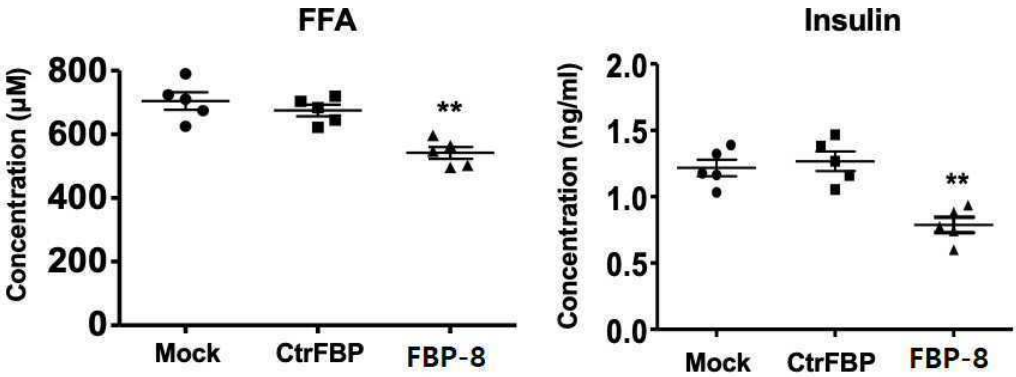
【Fig. 24】



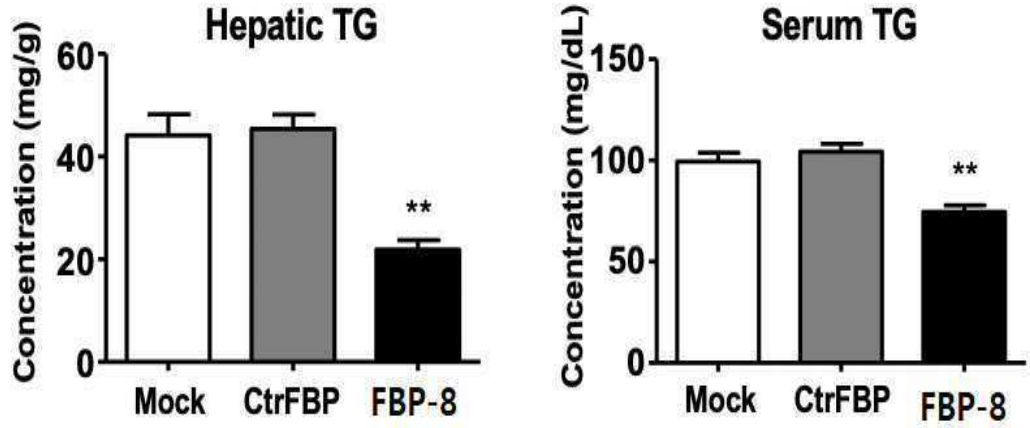
【Fig. 25】



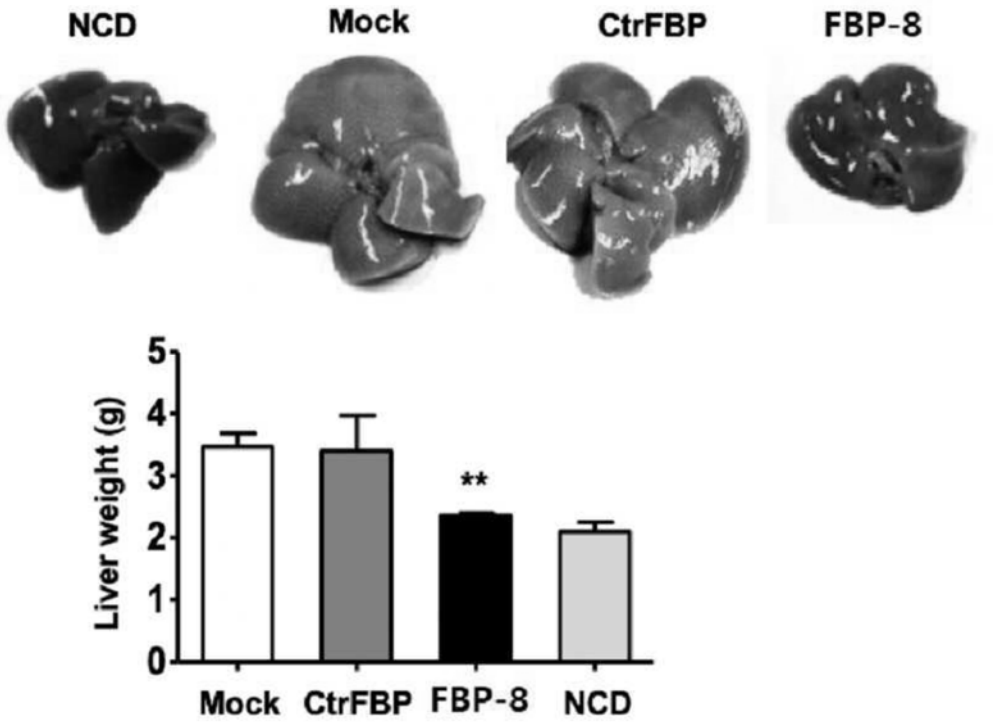
【Fig. 26】



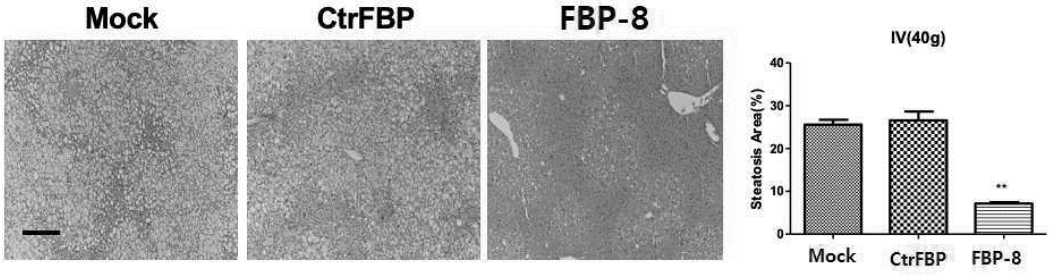
【Fig. 27】



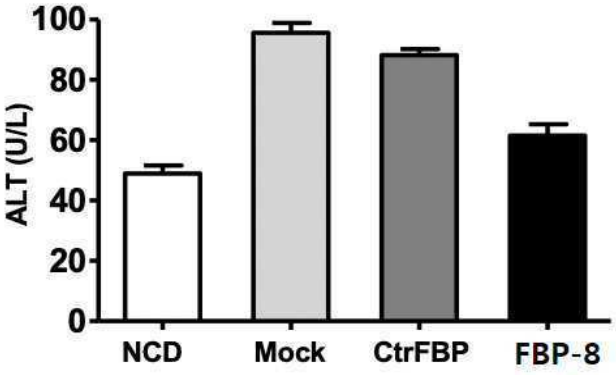
【Fig. 28】


NCD
Mock
CtrFBP
FBP-8
Liver weight (g)
5
4
3
2
1
0
**
Mock
CtrFBP
FBP-8
NCD

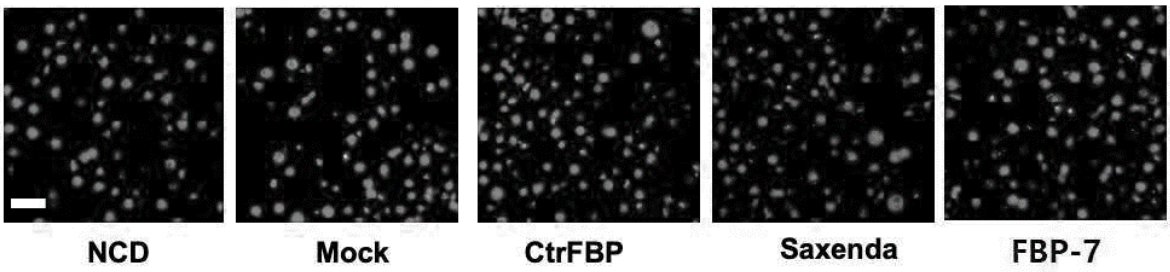
【Fig. 29】

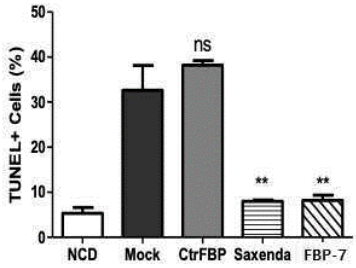

Mock
CtrFBP
FBP-8
IV(40g)
Steatosis Area(%)
40
30
20
10
0
**
Mock
CtrFBP
FBP-8

【Fig. 30】

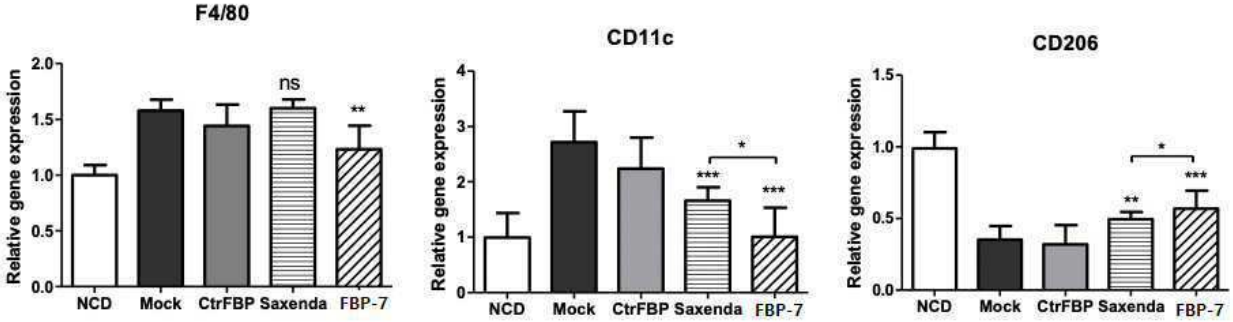


【Fig. 31】

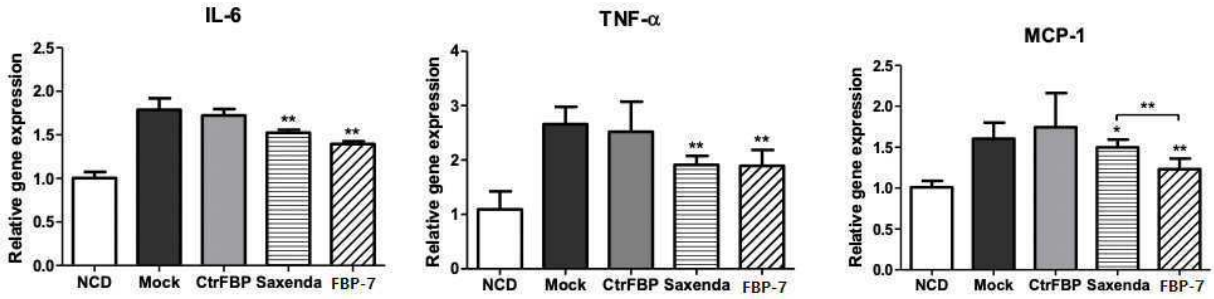




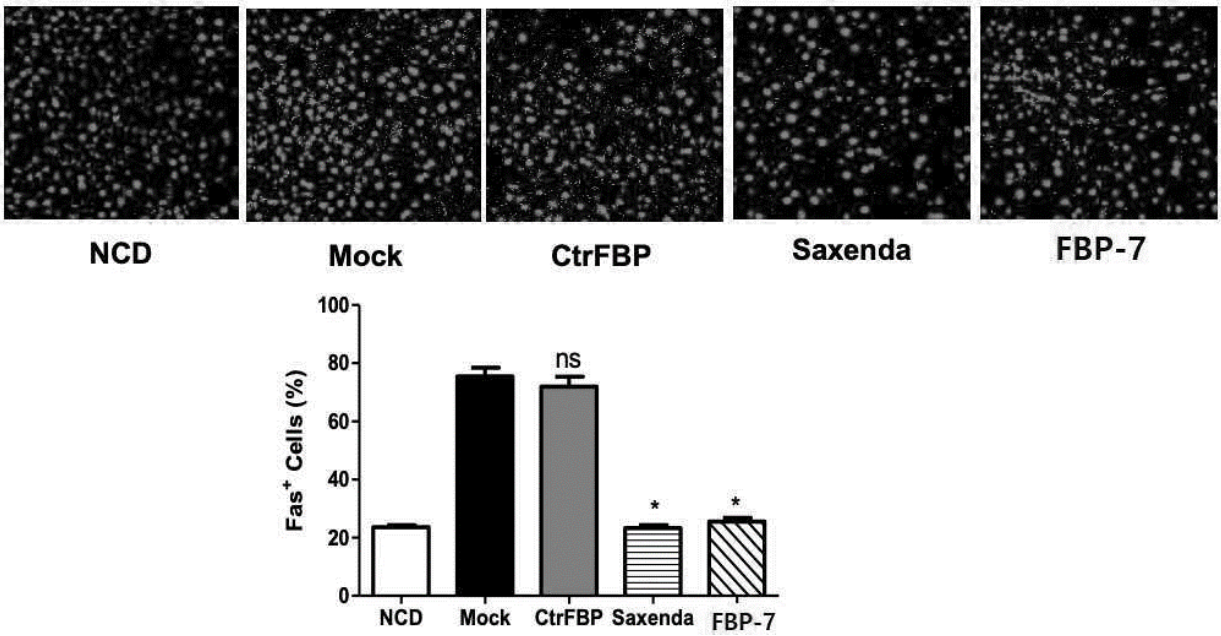
【Fig. 32】



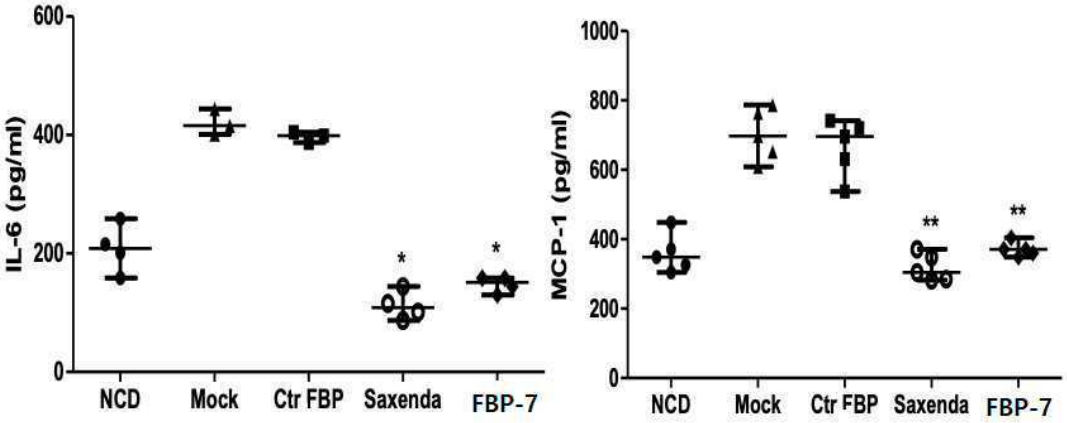
【Fig. 33】


IL-6
TNF-α
MCP-1
Relative gene expression
NCD
Mock
CtrFBP
Saxenda
FBP-7

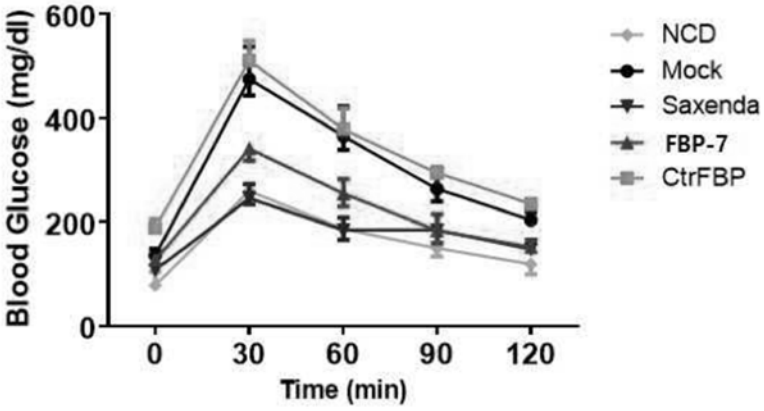
【Fig. 34】


NCD
Mock
CtrFBP
Saxenda
FBP-7
Fas+ Cells (%)
ns

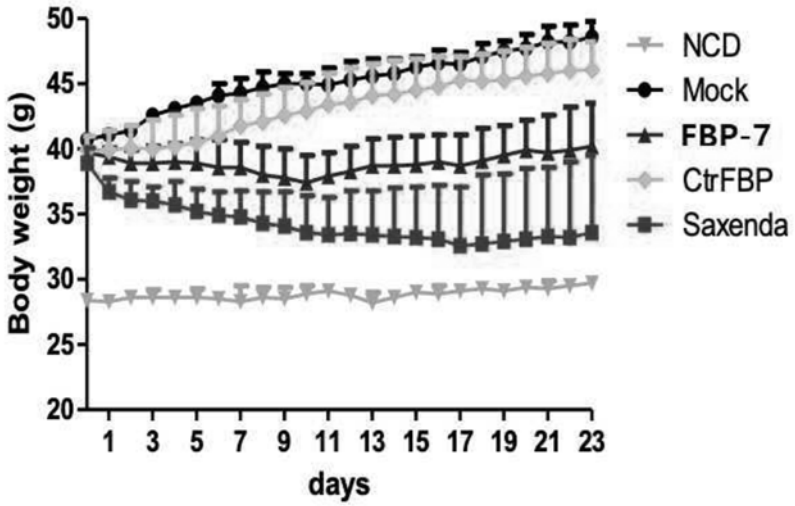
【Fig. 35】


IL-6 (pg/ml)
600
400
200
0
NCD
Mock
Ctr FBP
Saxenda
FBP-7
*
*
MCP-1 (pg/ml)
1000
800
600
400
200
0
NCD
Mock
Ctr FBP
Saxenda
FBP-7
**
**

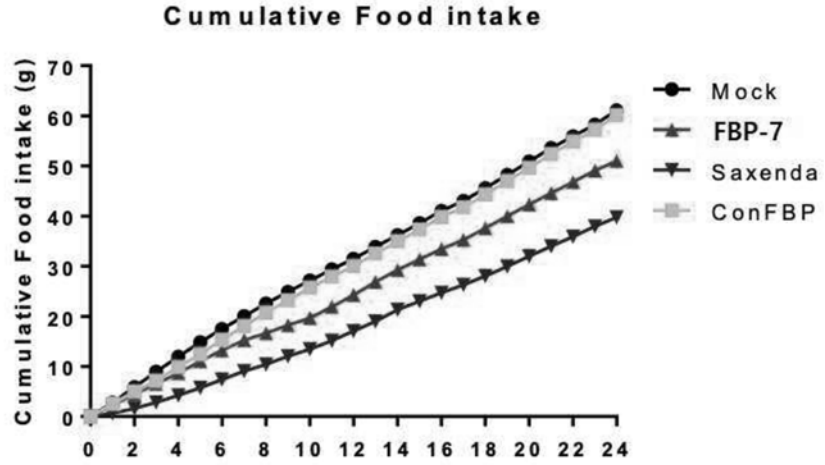
【Fig. 36】


Blood Glucose (mg/dl)
600
400
200
0
0
30
60
90
120
Time (min)
NCD
Mock
Saxenda
FBP-7
CtrFBP

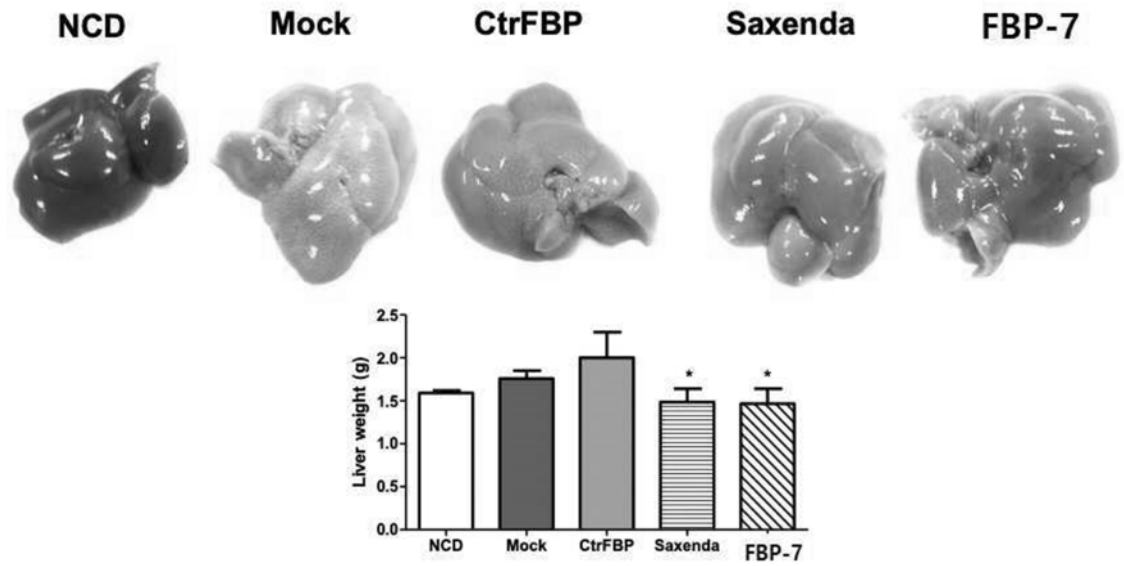
【Fig. 37】


Body weight (g)
50
45
40
35
30
25
20
1 3 5 7 9 11 13 15 17 19 21 23
days
NCD
Mock
FBP-7
CtrFBP
Saxenda

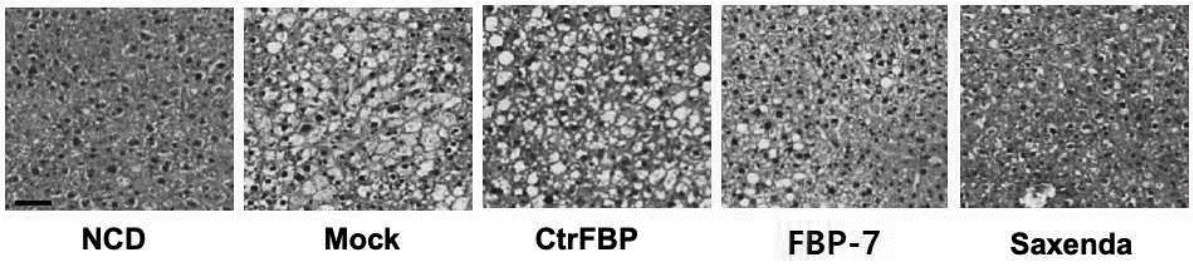
【Fig. 38】


Cumulative Food intake
Cumulative Food intake (g)
70
60
50
40
30
20
10
0
0 2 4 6 8 10 12 14 16 18 20 22 24
Mock
FBP-7
Saxenda
ConFBP

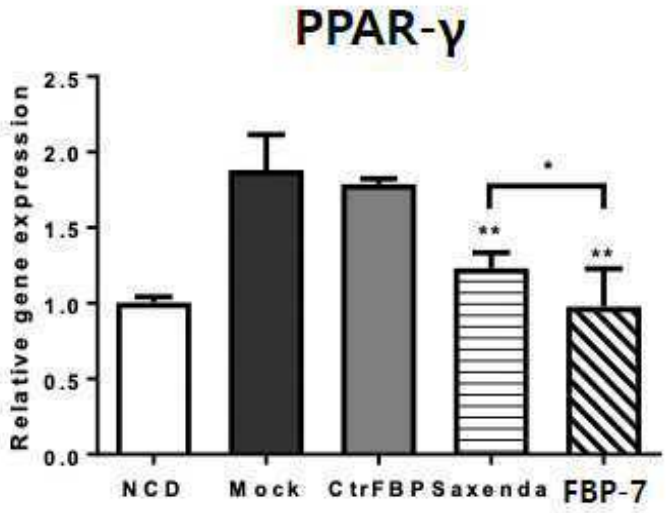
【Fig. 39】


NCD
Mock
CtrFBP
Saxenda
FBP-7
Liver weight (g)
2.5
2.0
1.5
1.0
0.5
0.0
*
*
NCD
Mock
CtrFBP
Saxenda
FBP-7

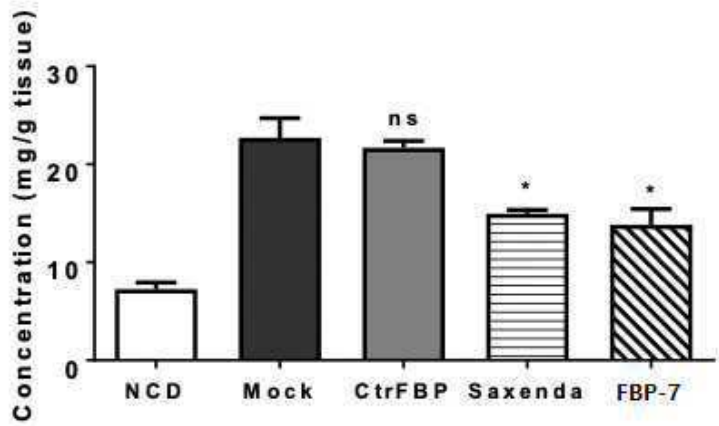
【Fig. 40】


NCD
Mock
CtrFBP
FBP-7
Saxenda

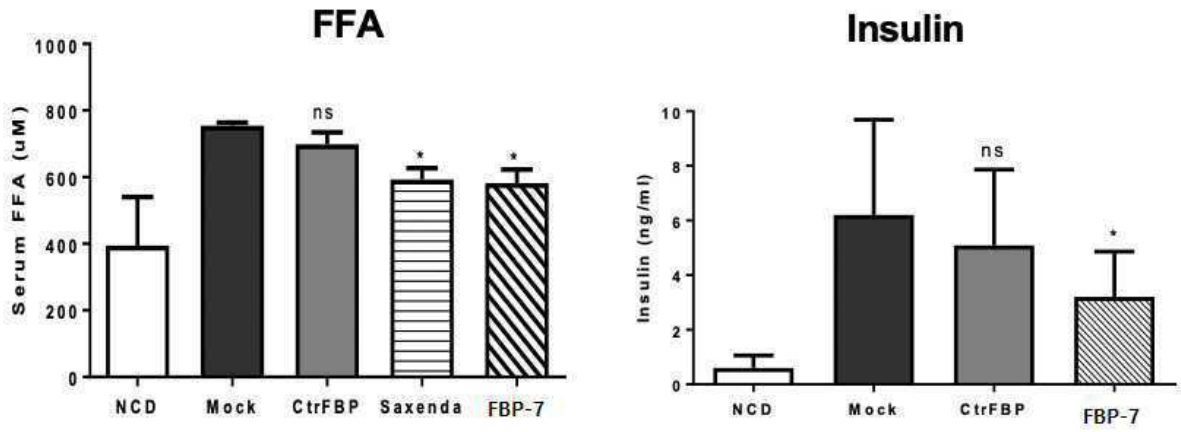
【Fig. 41】


PPAR-γ
Relative gene expression
2.5
2.0
1.5
1.0
0.5
0.0
*
**
**
NCD
Mock
CtrFBP
Saxenda
FBP-7

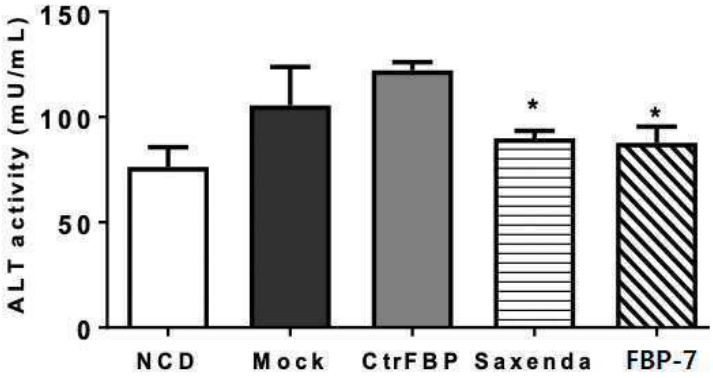
【Fig. 42】


Concentration (mg/g tissue)
30
20
10
0
ns
*
*
NCD
Mock
CtrFBP
Saxenda
FBP-7

【Fig. 43】


FFA
Serum FFA (uM)
1000
800
600
400
200
0
ns
*
*
NCD
Mock
CtrFBP
Saxenda
FBP-7
Insulin
Insulin (ng/ml)
10
8
6
4
2
0
ns
*
NCD
Mock
CtrFBP
FBP-7

【Fig. 44】


ALT activity (mU/mL)
150
100
50
0
*
*
NCD
Mock
CtrFBP
Saxenda
FBP-7