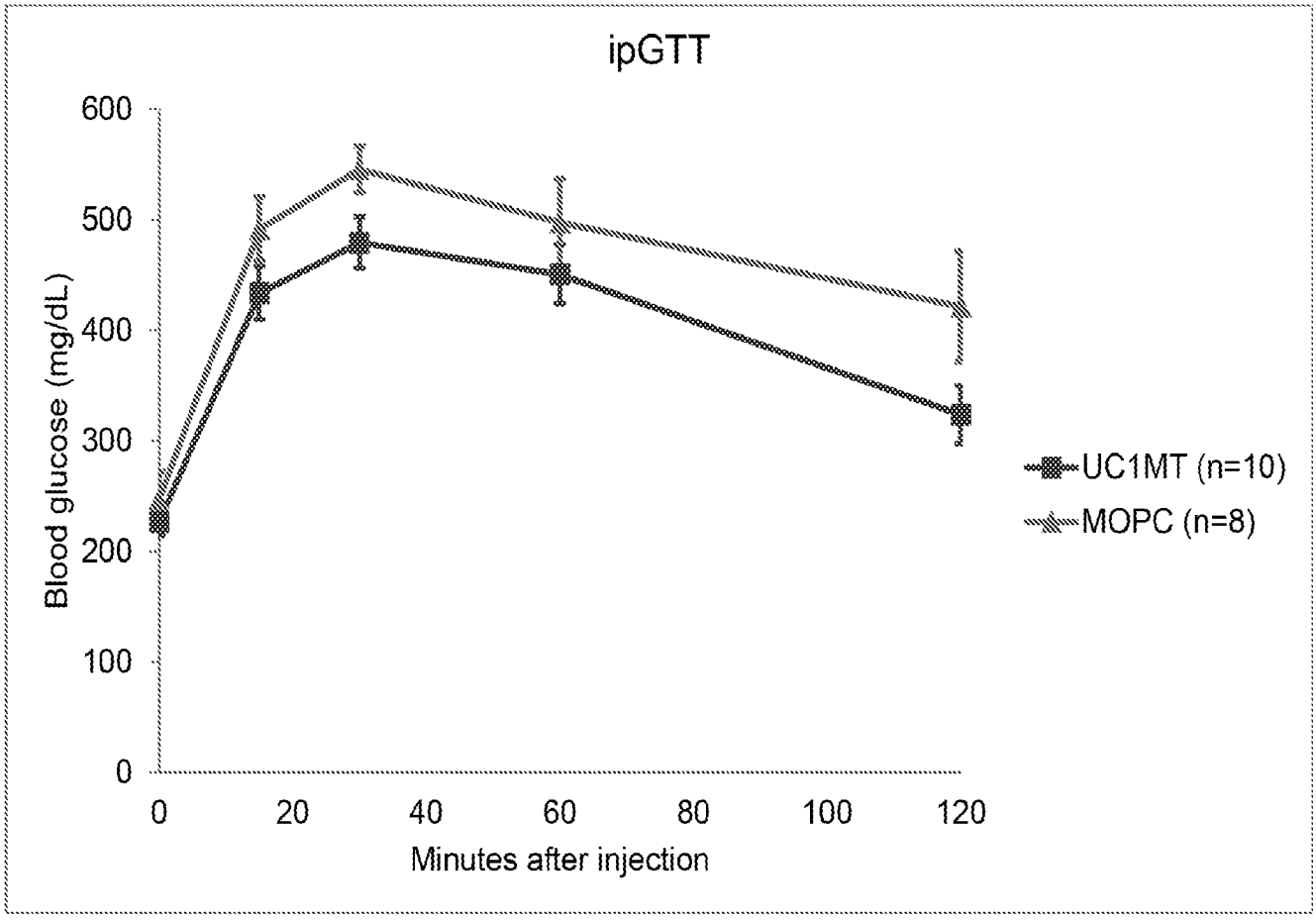

ipGTT
Blood glucose (mg/dL)
600
500
400
300
200
100
0
0
20
40
60
80
100
120
Minutes after injection
UC1MT (n=10)
MOPC (n=8)

FIG. 1

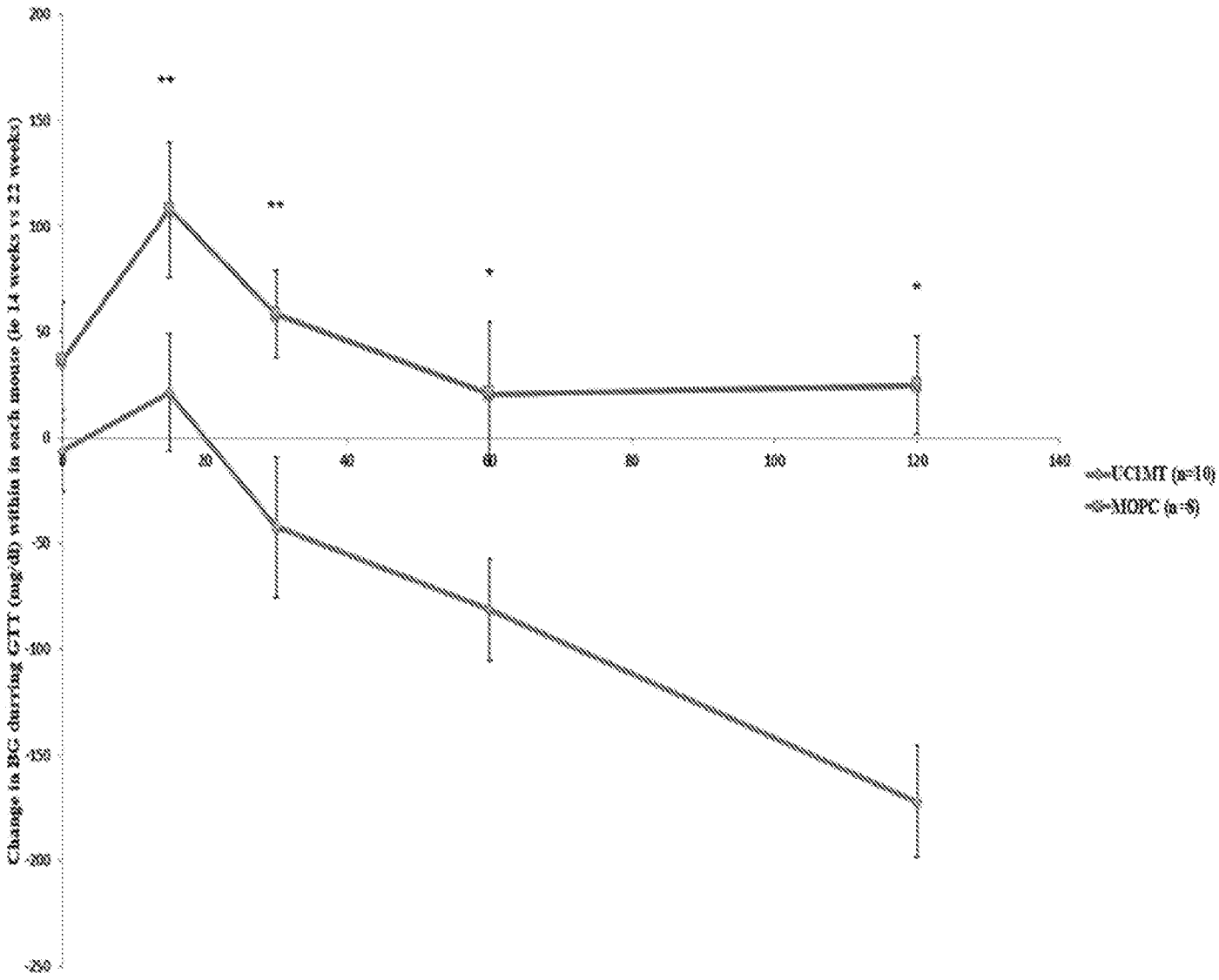

Change in BG during GTT (mg/dl) within in each mouse (@ 14 weeks vs 22 weeks)
200
150
100
50
0
-50
-100
-150
-200
0
20
40
60
80
100
120
140
**
**
*
*
UCLMT (n=10)
MOPC (n=8)

FIG. 2

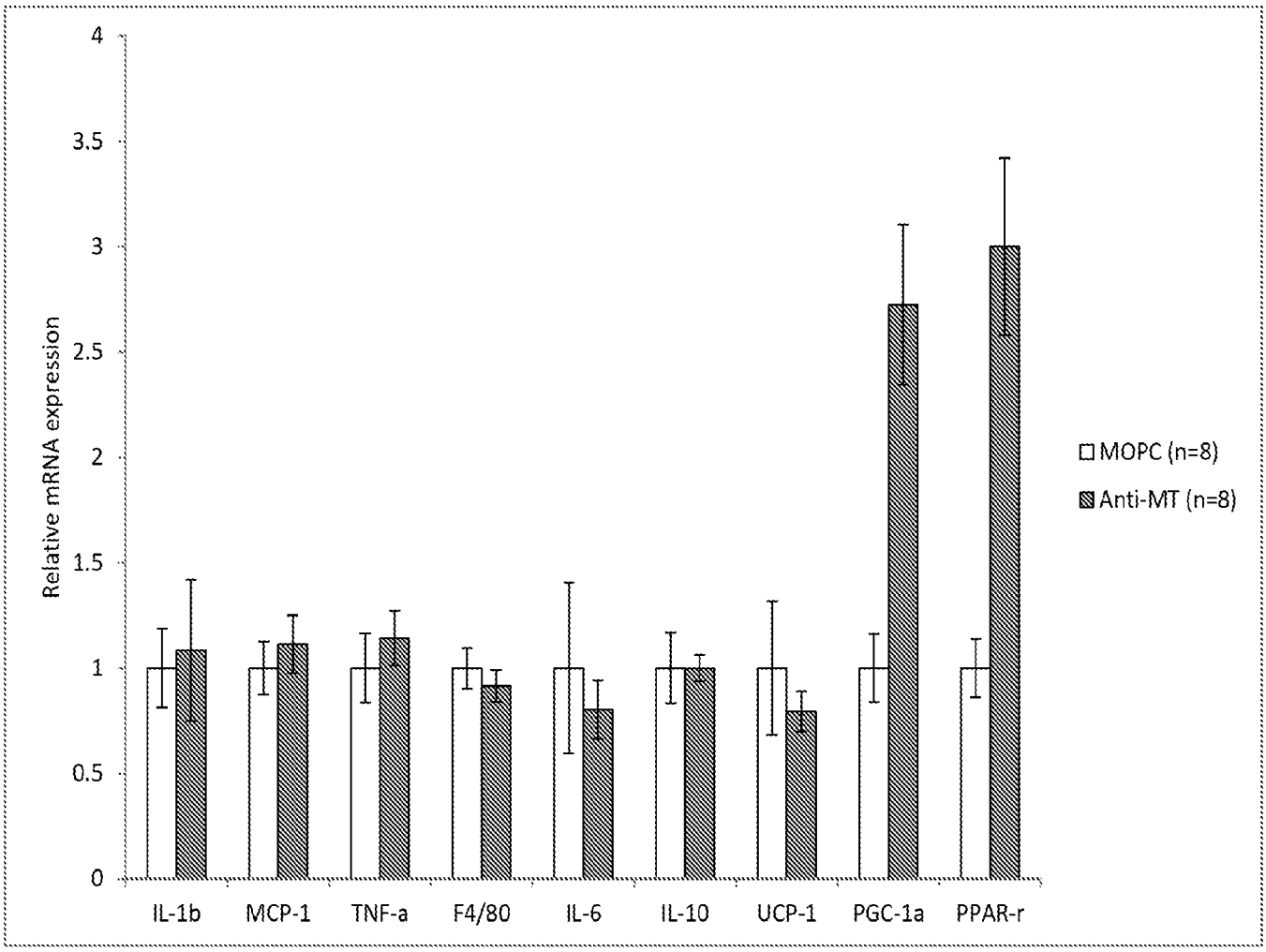
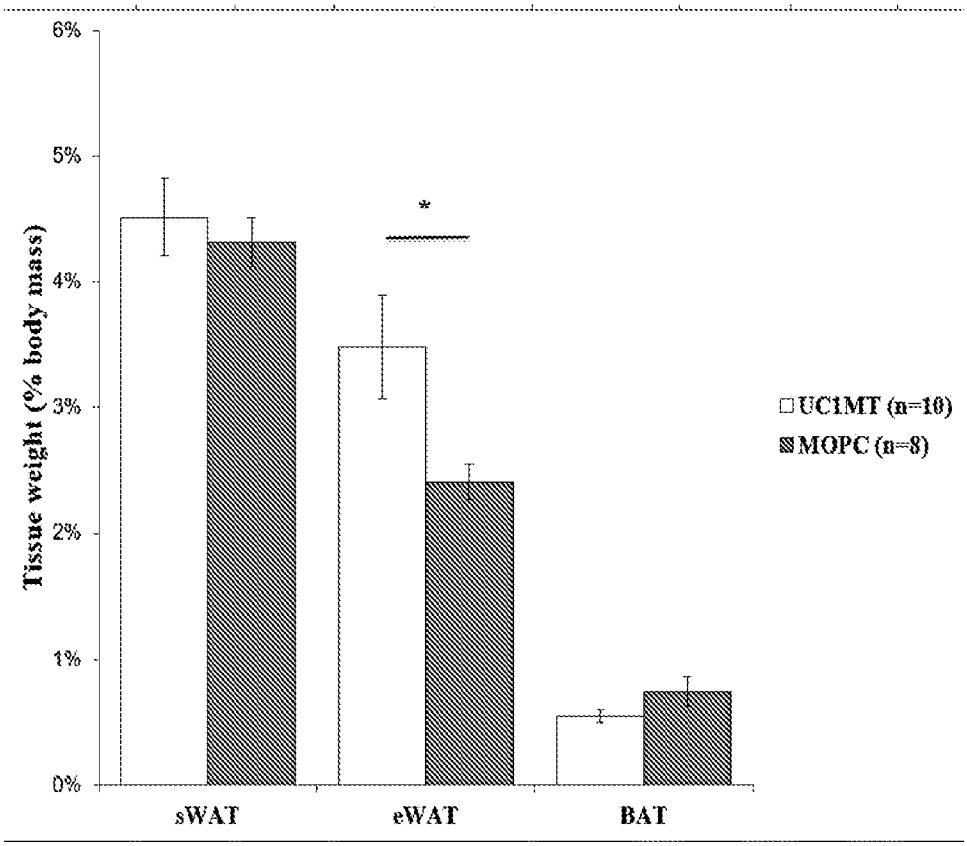

Relative mRNA expression
4
3.5
3
2.5
2
1.5
1
0.5
0
IL-1b
MCP-1
TNF-a
F4/80
IL-6
IL-10
UCP-1
PGC-1a
PPAR-r
MOPC (n=8)
Anti-MT (n=8)

FIG. 3

A


6%
5%
4%
3%
2%
1%
0%
Tissue weight (% body mass)
*
sWAT
eWAT
BAT
UC1MT (n=10)
MOPC (n=8)

B

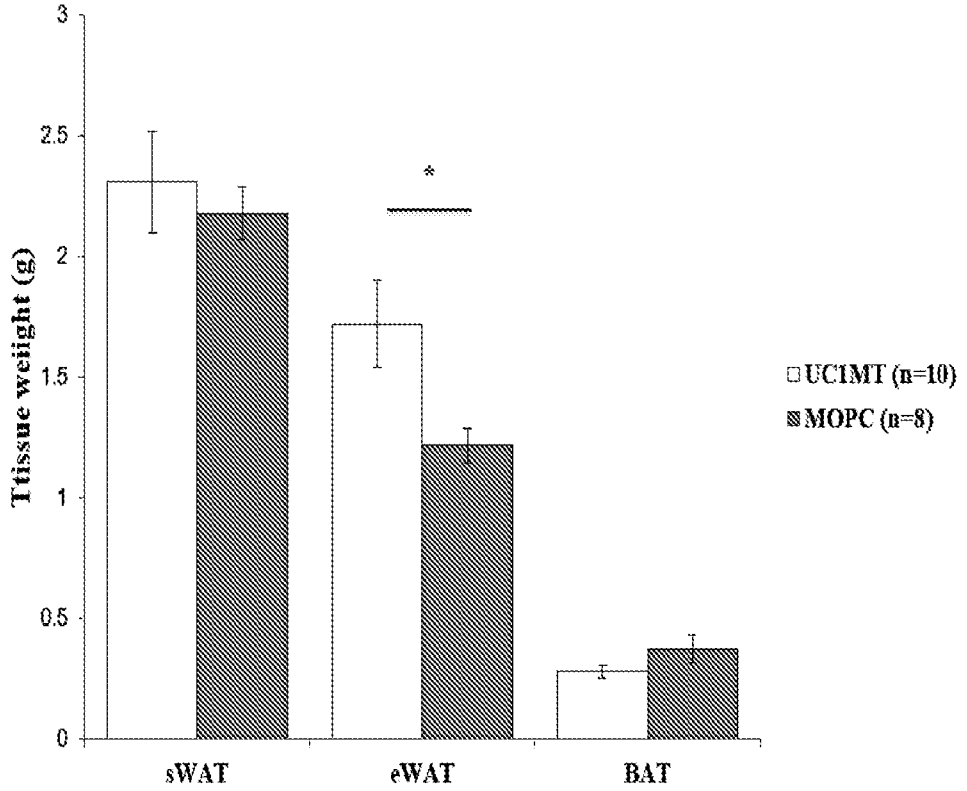

3
2.5
2
1.5
1
0.5
0
Ttissue weight (g)
*
sWAT
eWAT
BAT
UC1MT (n=10)
MOPC (n=8)

FIG. 4

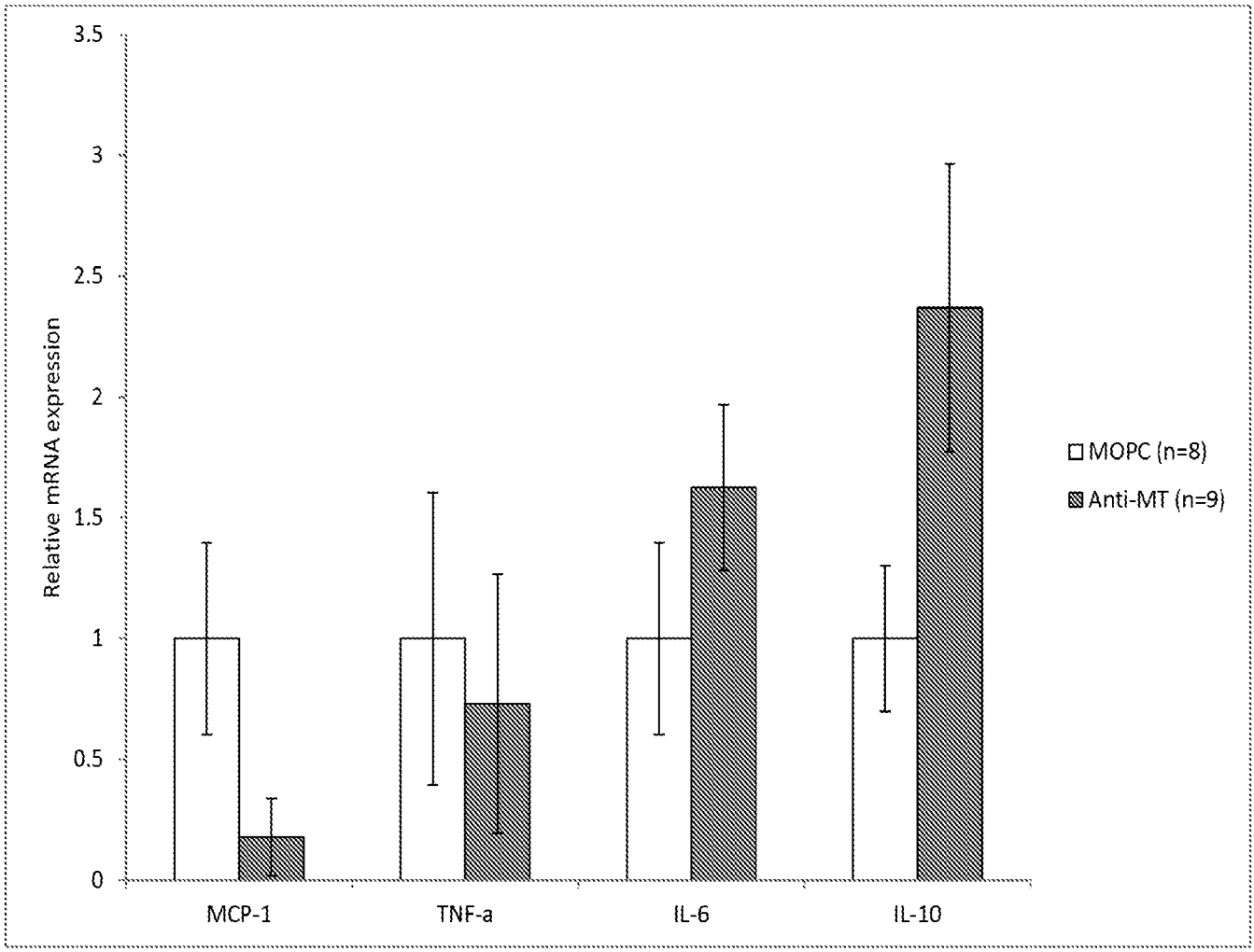

3.5
3
2.5
2
1.5
1
0.5
0
Relative mRNA expression
MCP-1
TNF-a
IL-6
IL-10
MOPC (n=8)
Anti-MT (n=9)

FIG. 5

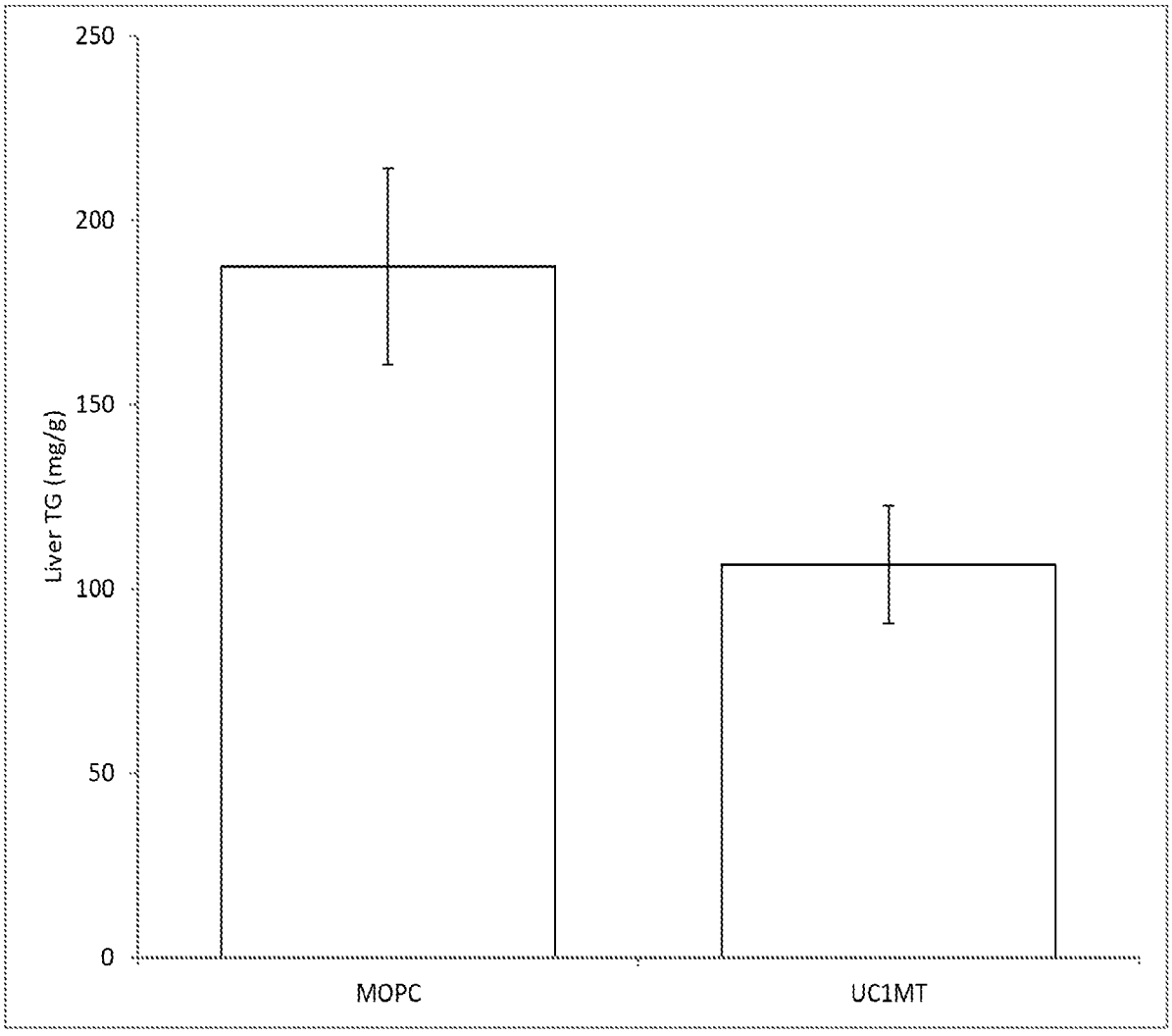


FIG. 6

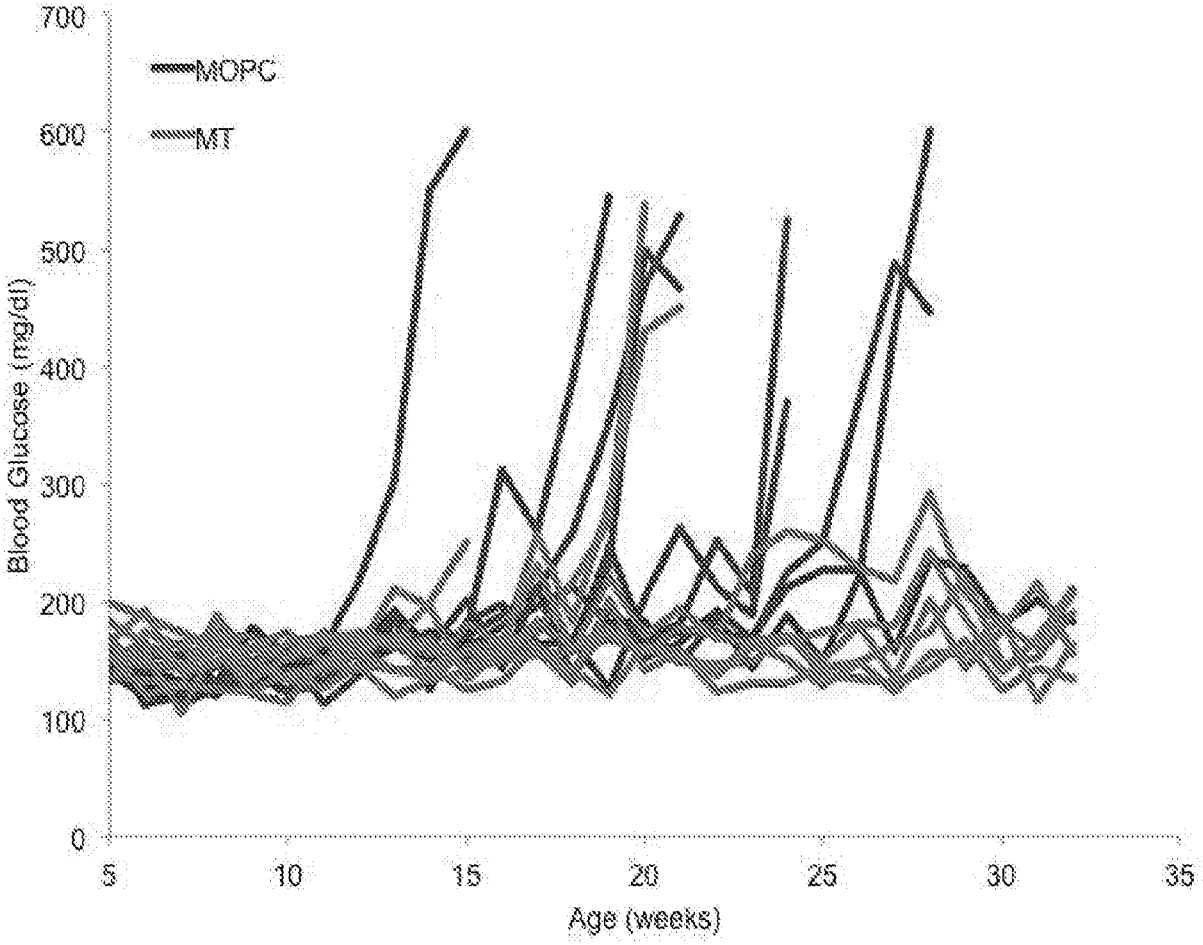
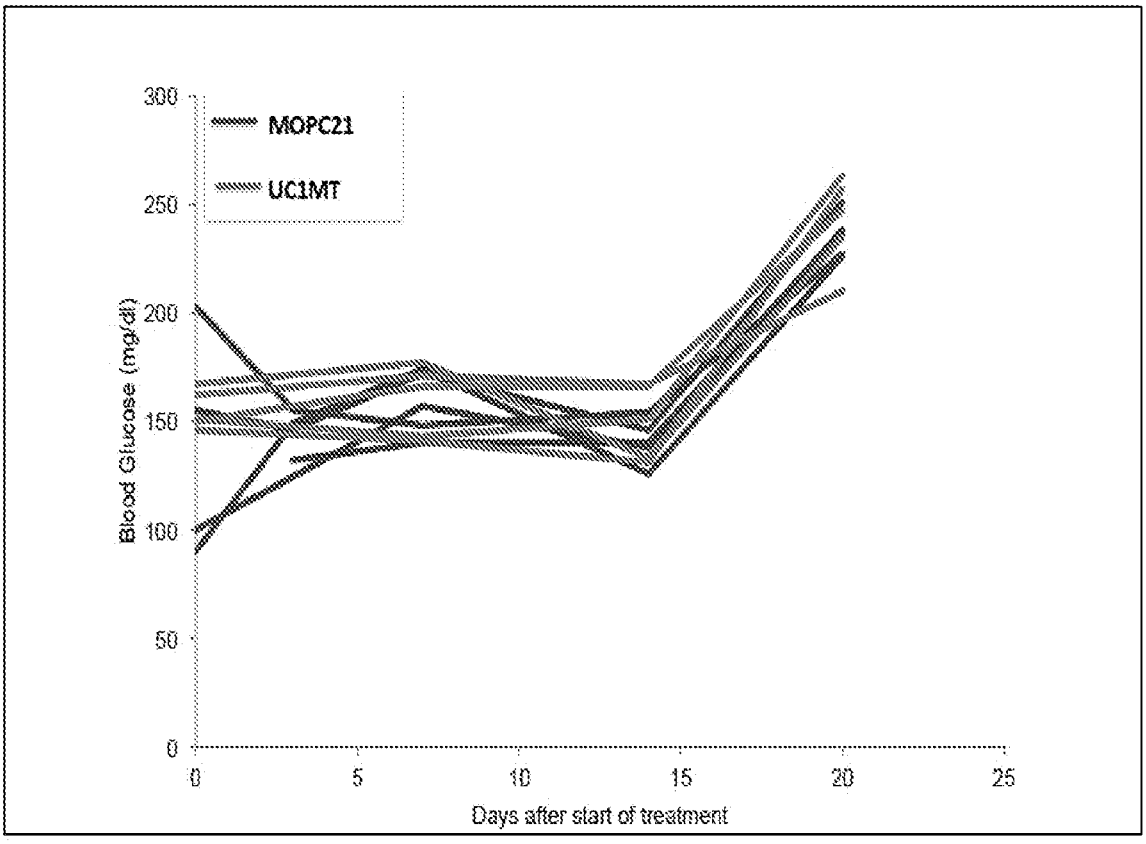

700
600
500
400
300
200
100
0
MOPC
MT
Blood Glucose (mg/dl)
5
10
15
20
25
30
35
Age (weeks)

FIG. 7

A


MOPC21
UC1MT
Blood Glucose (mg/dl)
300
250
200
150
100
50
0
0
5
10
15
20
25
Days after start of treatment

B

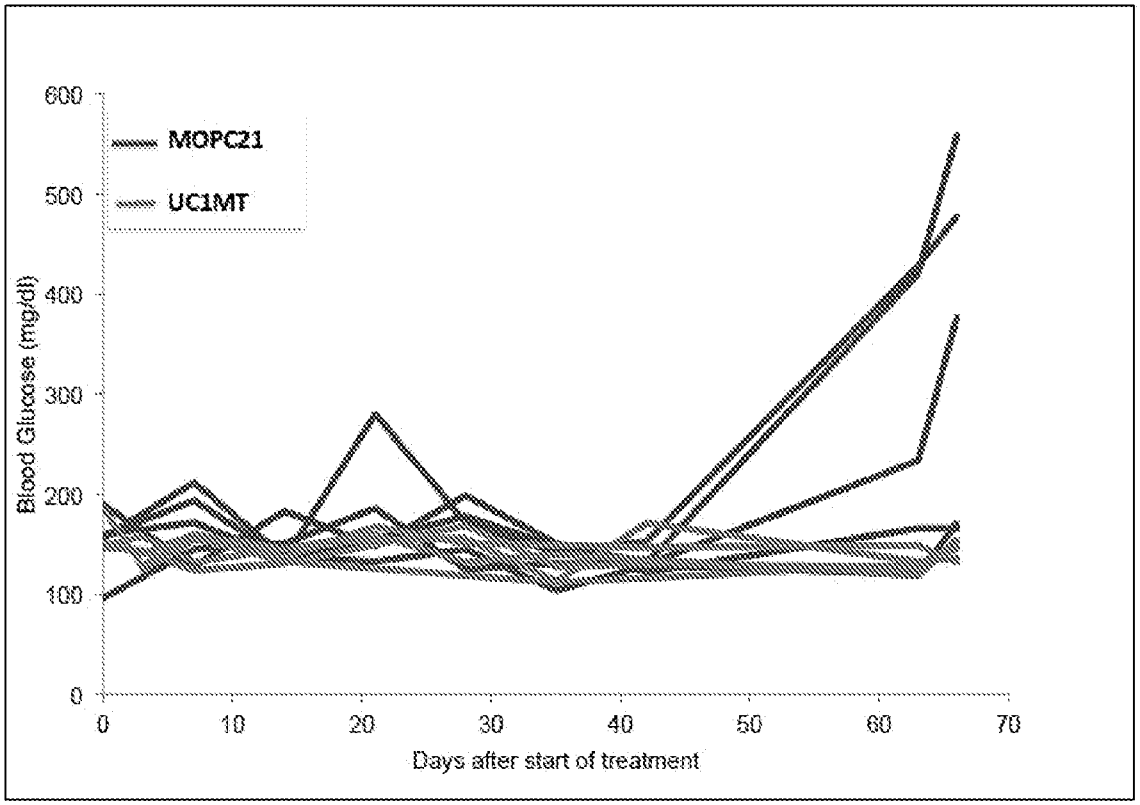

MOPC21
UC1MT
Blood Glucose (mg/dl)
600
500
400
300
200
100
0
0
10
20
30
40
50
60
70
Days after start of treatment

FIG. 8

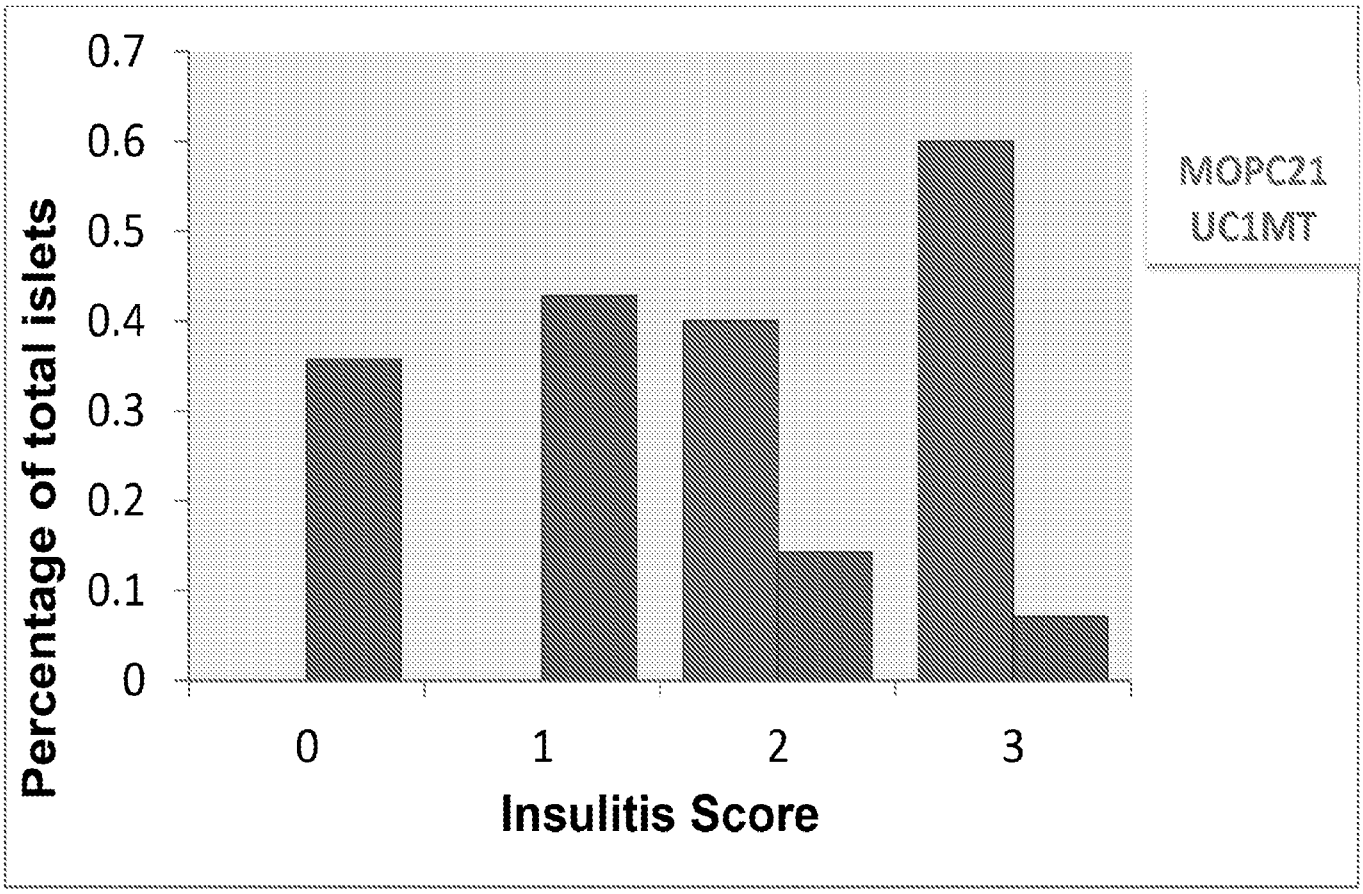

0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Percentage of total islets
0
1
2
3
Insulitis Score
MOPC21
UC1MT

FIG. 9