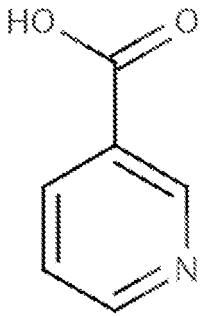
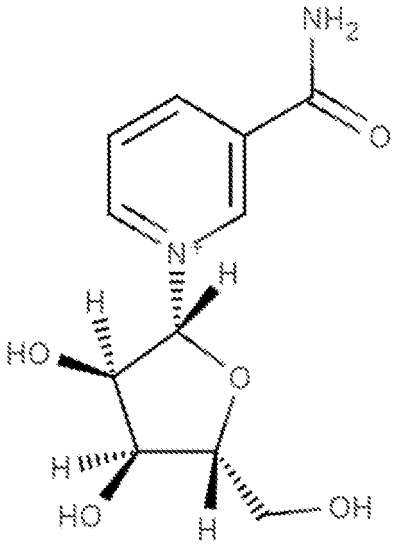
Figure 1



Nicotinic Acid



Nicotinamide Riboside

Figure 2

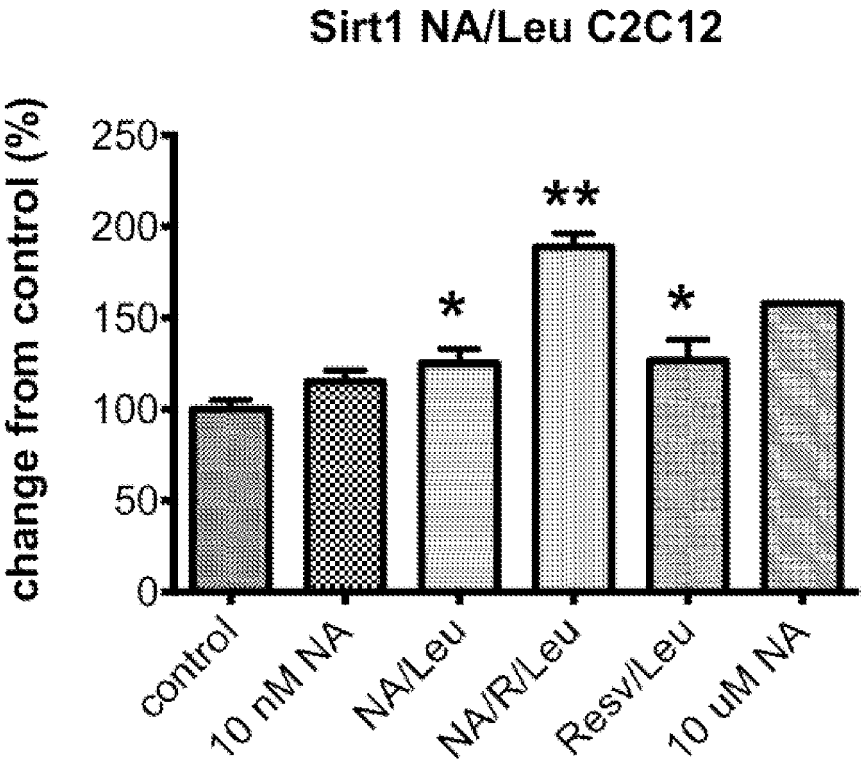

Sirt1 NA/Leu C2C12
change from control (%)
250
200
150
100
50
0
*
**
*
control
10 nM NA
NA/Leu
NA/R/Leu
Resv/Leu
10 uM NA

Figure 3

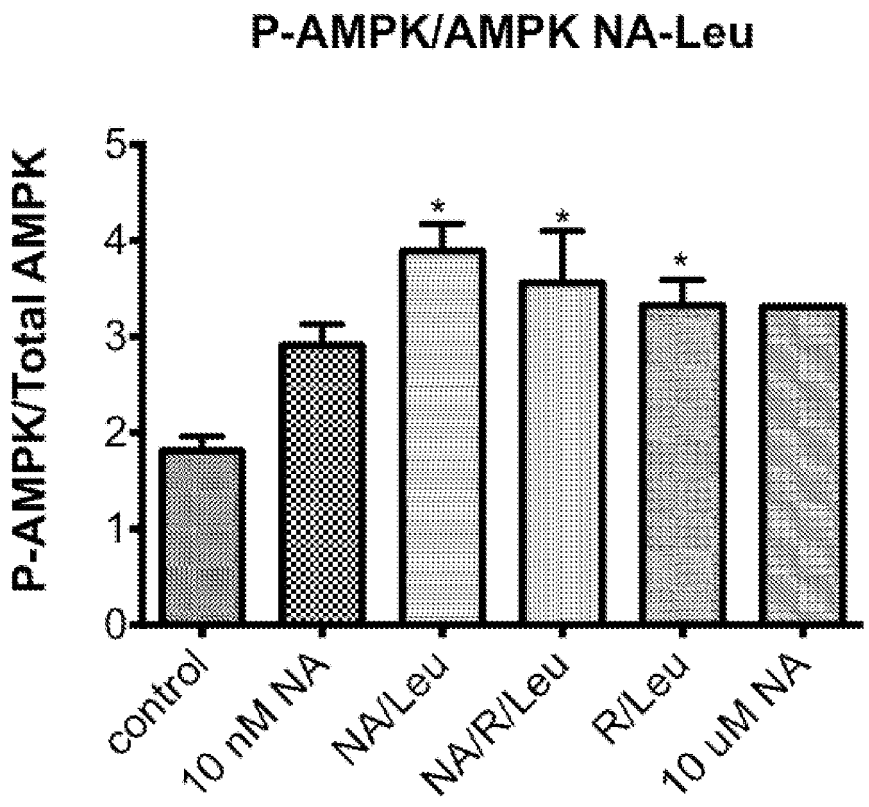

P-AMPK/AMPK NA-Leu
P-AMPK/Total AMPK
0
1
2
3
4
5
*
*
*
control
10 nM NA
NA/Leu
NA/R/Leu
R/Leu
10 uM NA

Figure 4

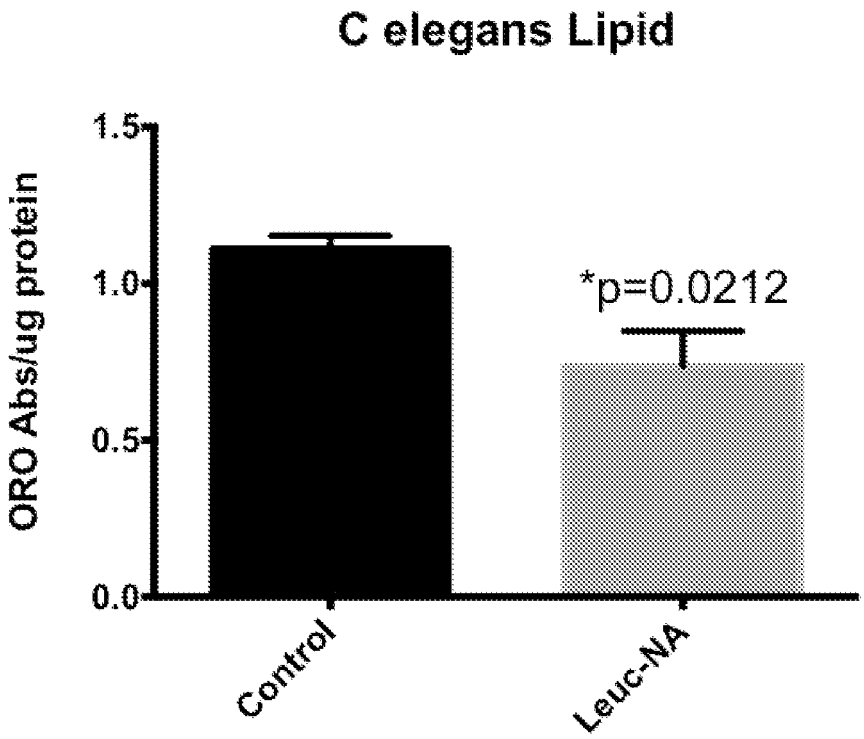

C elegans Lipid
ORO Abs/ug protein
1.5
1.0
0.5
0.0
*p=0.0212
Control
Leuc-NA

Figure 5

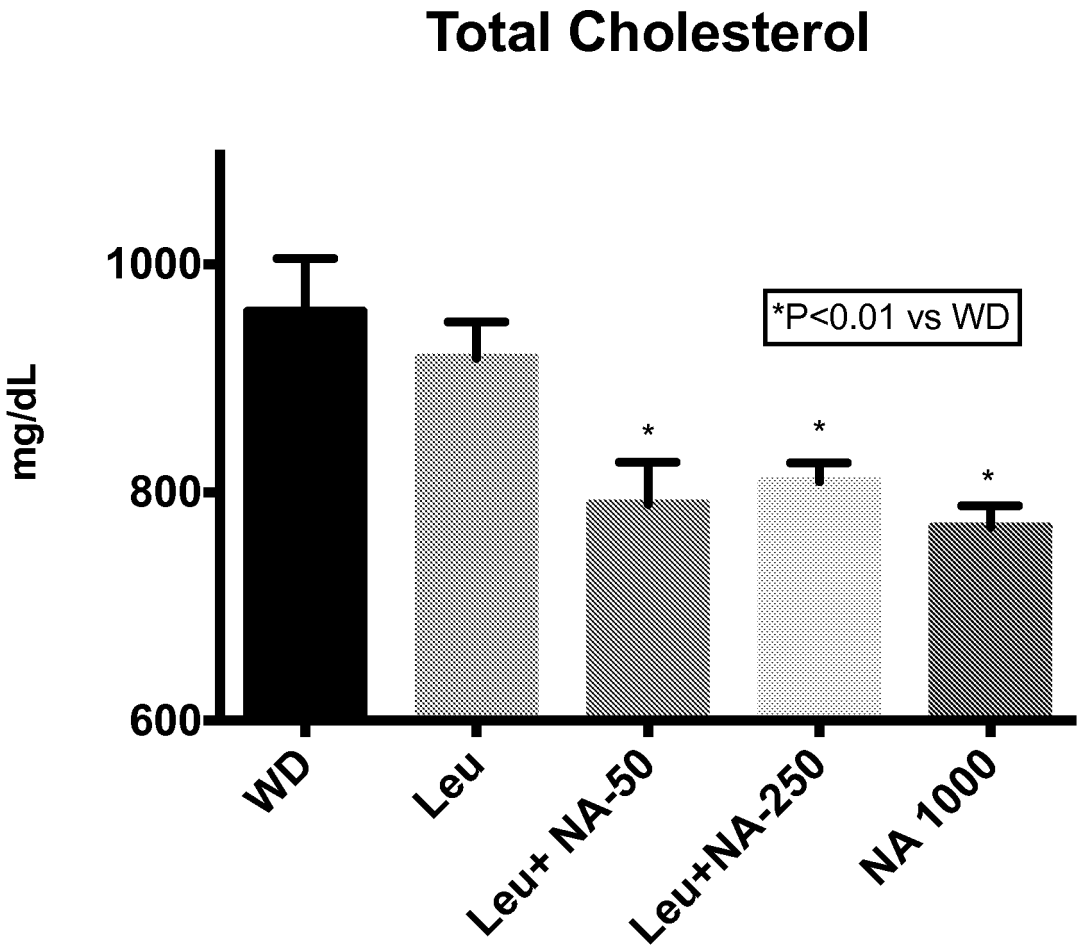

Total Cholesterol
mg/dL
1000
800
600
*P<0.01 vs WD
*
*
*
WD
Leu
Leu+ NA-50
Leu+NA-250
NA 1000

Figure 6

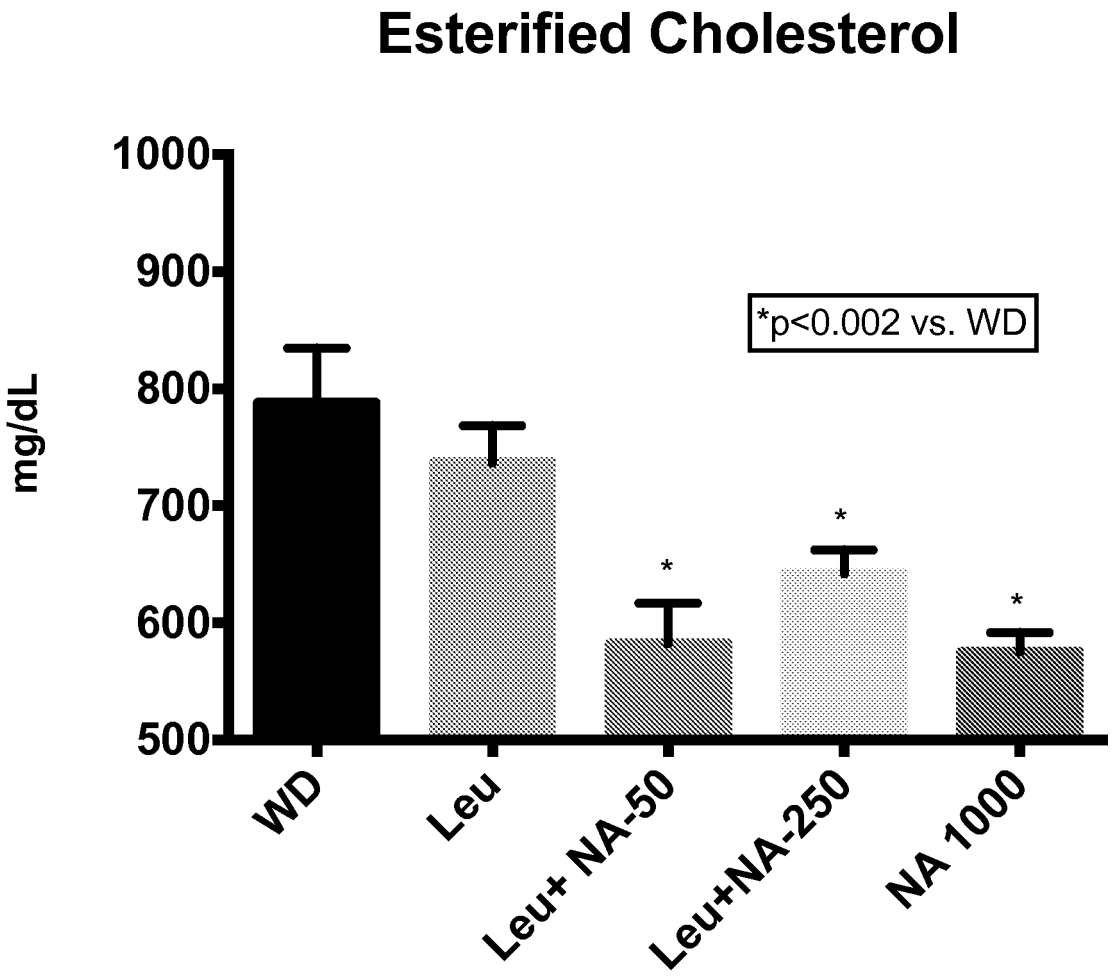

Esterified Cholesterol
mg/dL
1000
900
800
700
600
500
*p<0.002 vs. WD
*
*
*
WD
Leu
Leu+ NA-50
Leu+NA-250
NA 1000

Figure 7

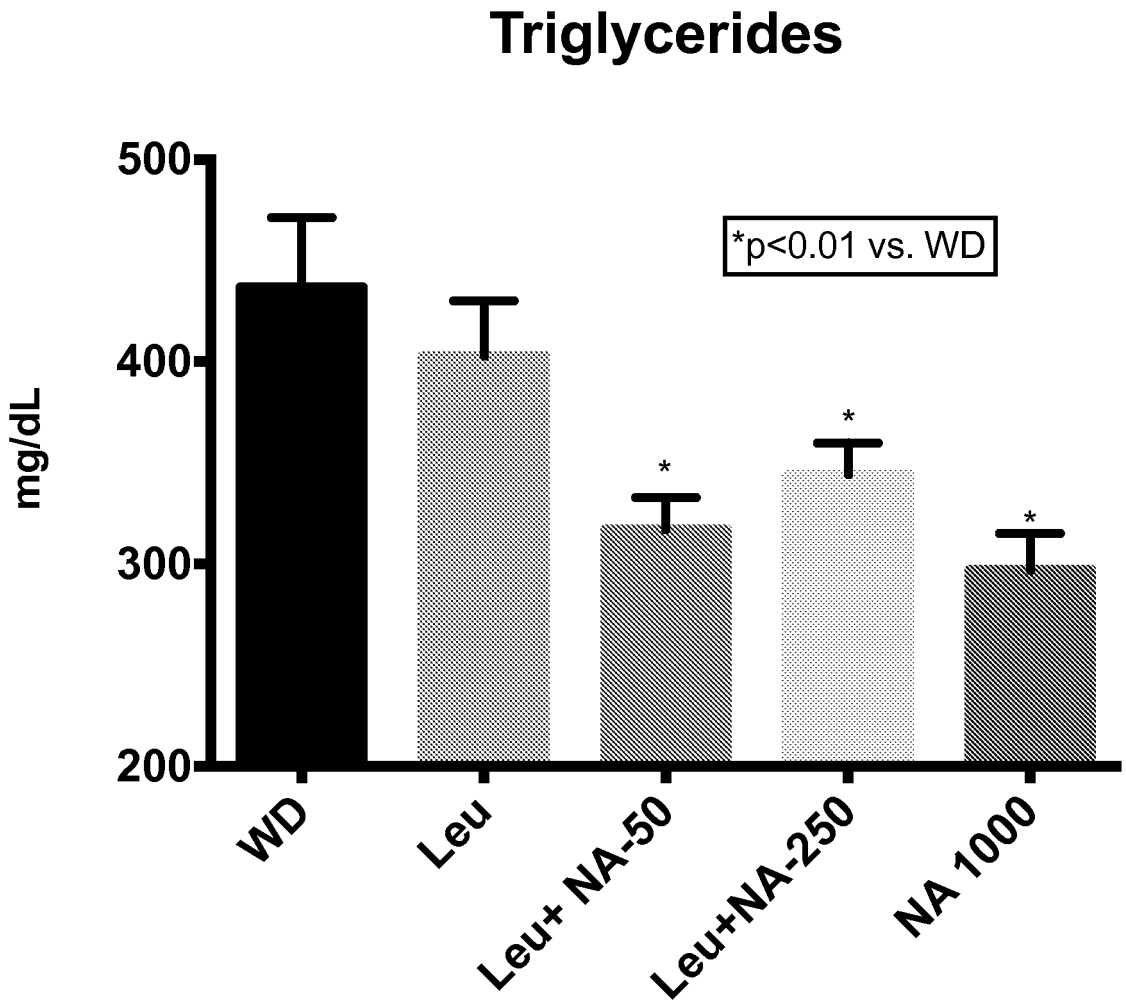

Triglycerides
500
400
300
200
mg/dL
*p<0.01 vs. WD
*
*
*
WD
Leu
Leu+ NA-50
Leu+NA-250
NA 1000

Figure 8

