FIG. 1

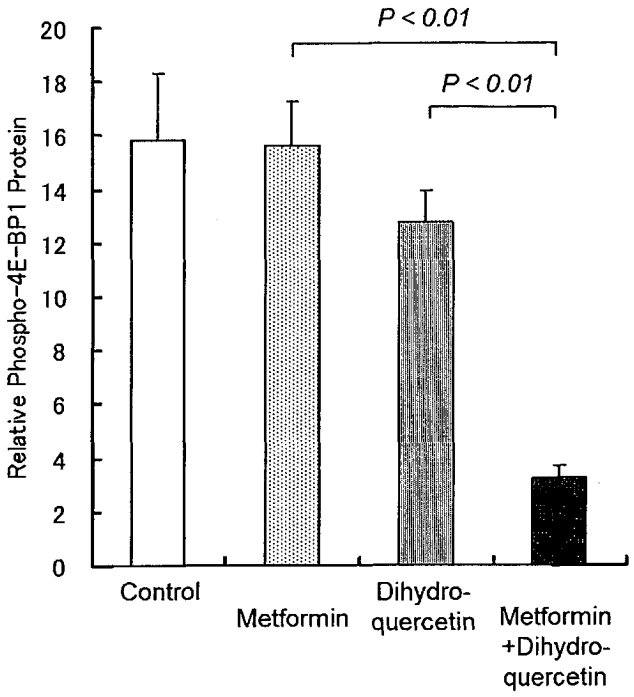

P < 0.01
P < 0.01
Relative Phospho-4E-BP1 Protein
20
18
16
14
12
10
8
6
4
2
0
Control
Metformin
Dihydro-quercetin
Metformin +Dihydro-quercetin

FIG. 2

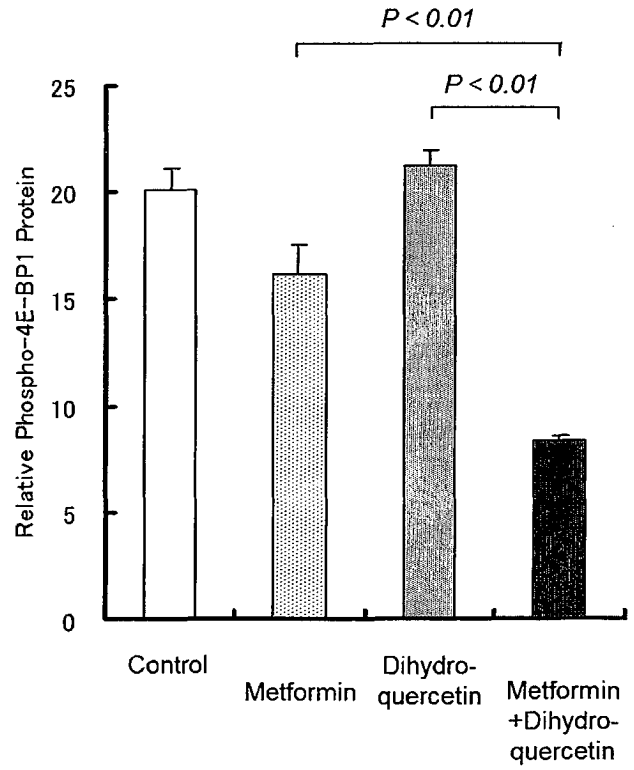

P < 0.01
P < 0.01
Relative Phospho-4E-BP1 Protein
25
20
15
10
5
0
Control
Metformin
Dihydro-quercetin
Metformin +Dihydro-quercetin

FIG. 3

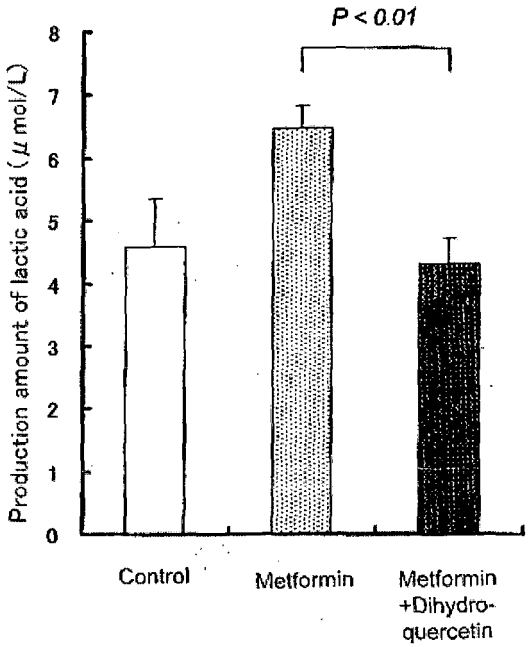

P < 0.01
Production amount of lactic acid (μ mol/L)
0
1
2
3
4
5
6
7
8
Control
Metformin
Metformin +Dihydro-quercetin

FIG. 4

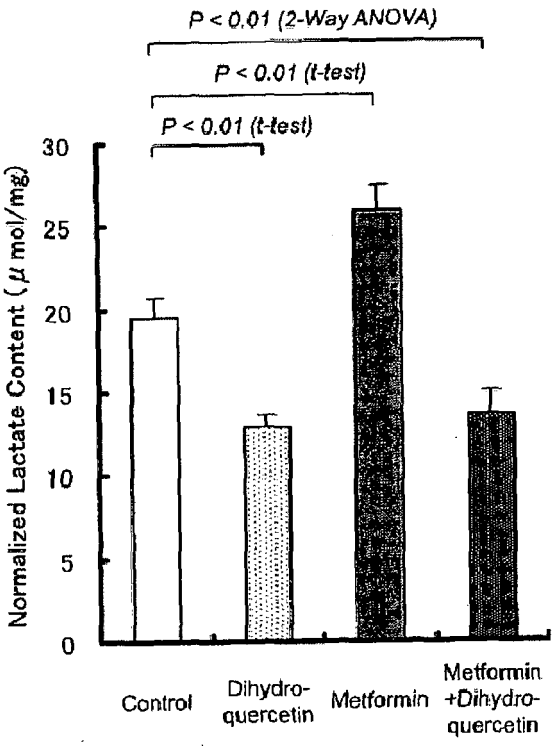

P < 0.01 (2-Way ANOVA)
P < 0.01 (t-test)
P < 0.01 (t-test)
Normalized Lactate Content (μ mol/mg)
0
5
10
15
20
25
30
Control
Dihydro-quercetin
Metformin
Metformin +Dihydro-quercetin

FIG. 5

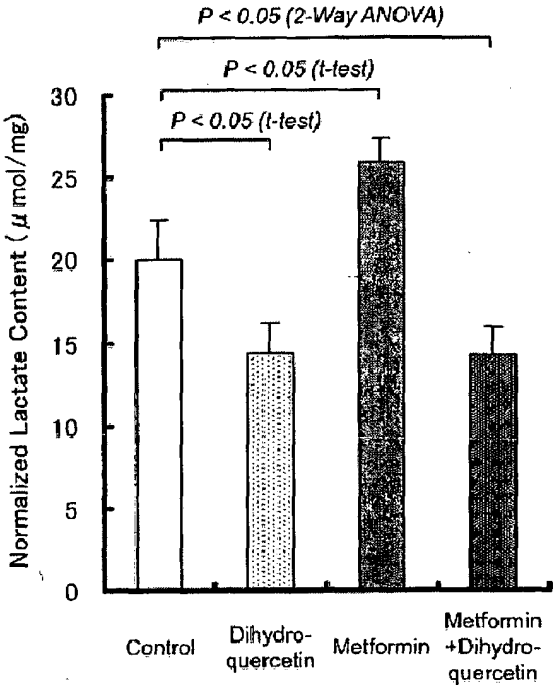

P < 0.05 (2-Way ANOVA)
P < 0.05 (t-test)
P < 0.05 (t-test)
Normalized Lactate Content (μmol/mg)
30
25
20
15
10
5
0
Control
Dihydro-quercetin
Metformin
Metformin +Dihydro-quercetin

FIG. 6

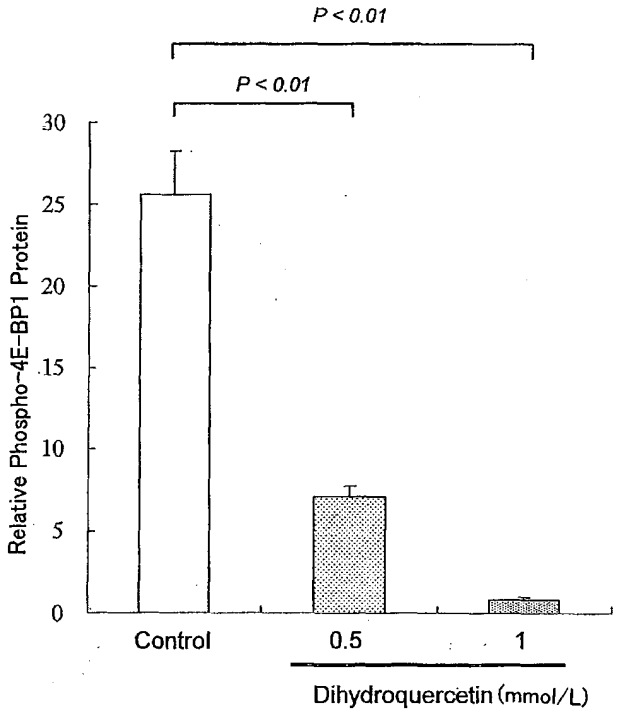
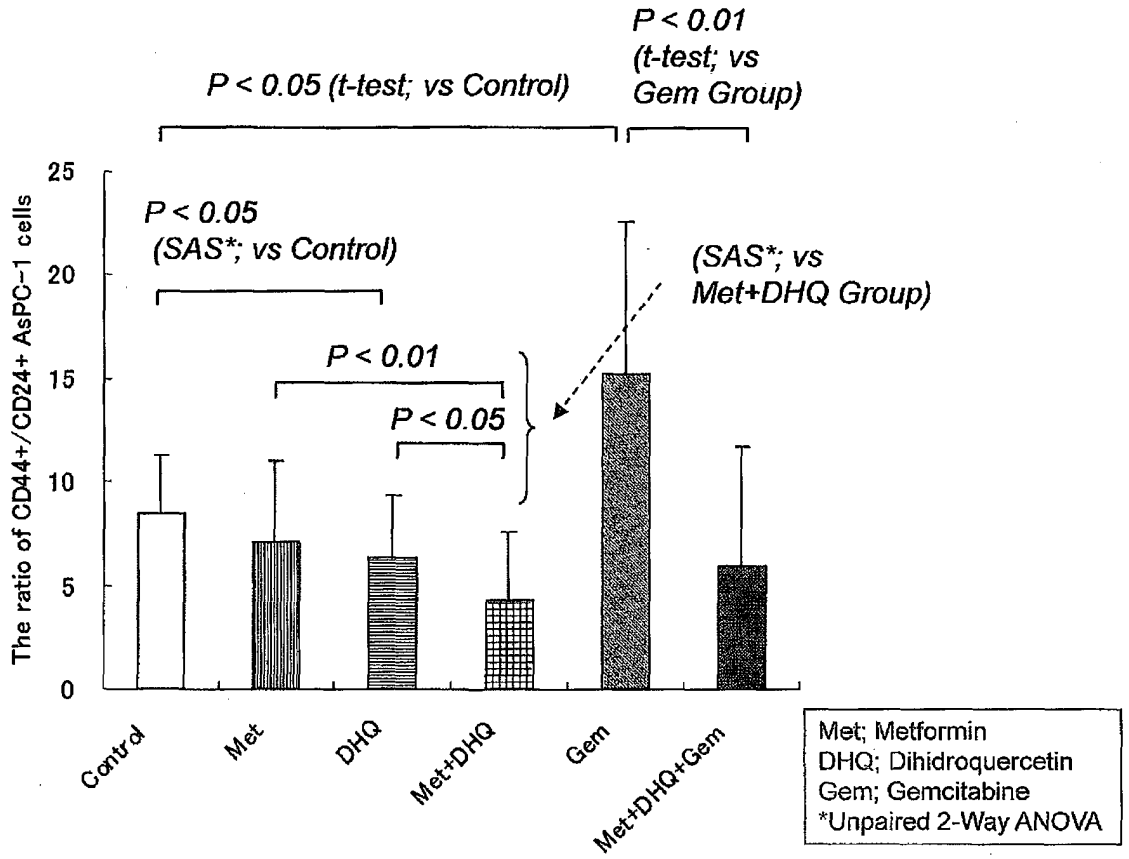

P < 0.01
P < 0.01
Relative Phospho-4E-BP1 Protein
30
25
20
15
10
5
0
Control
0.5
1
Dihydroquercetin (mmol/L)

FIG. 7


P < 0.01
(t-test; vs
Gem Group)
P < 0.05 (t-test; vs Control)
P < 0.05
(SAS*; vs Control)
(SAS*; vs
Met+DHQ Group)
P < 0.01
P < 0.05
The ratio of CD44+/CD24+ AsPC-1 cells
25
20
15
10
5
0
Control
Met
DHQ
Met+DHQ
Gem
Met+DHQ+Gem
Met; Metformin
DHQ; Dihidroquercetin
Gem; Gemcitabine
*Unpaired 2-Way ANOVA