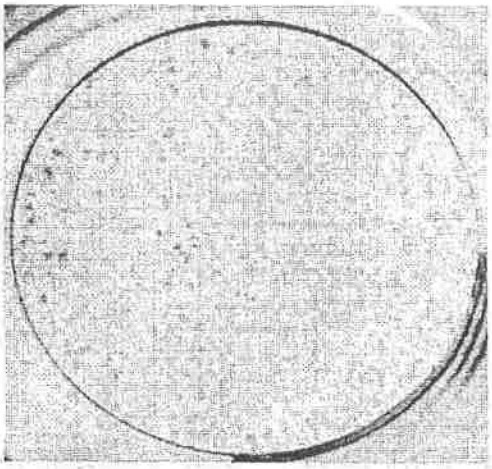
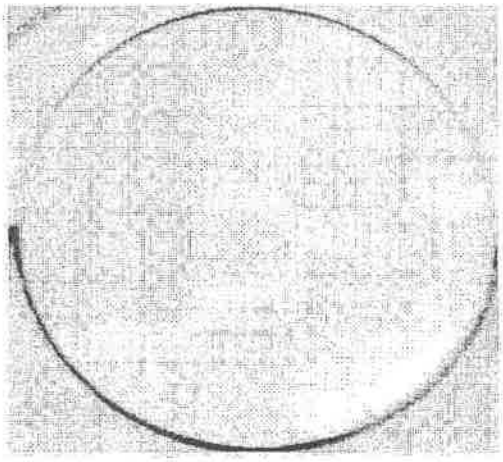
Fig. 1



culture results +

※ after ALP staining



culture results -

※ after ALP staining

Fig. 2

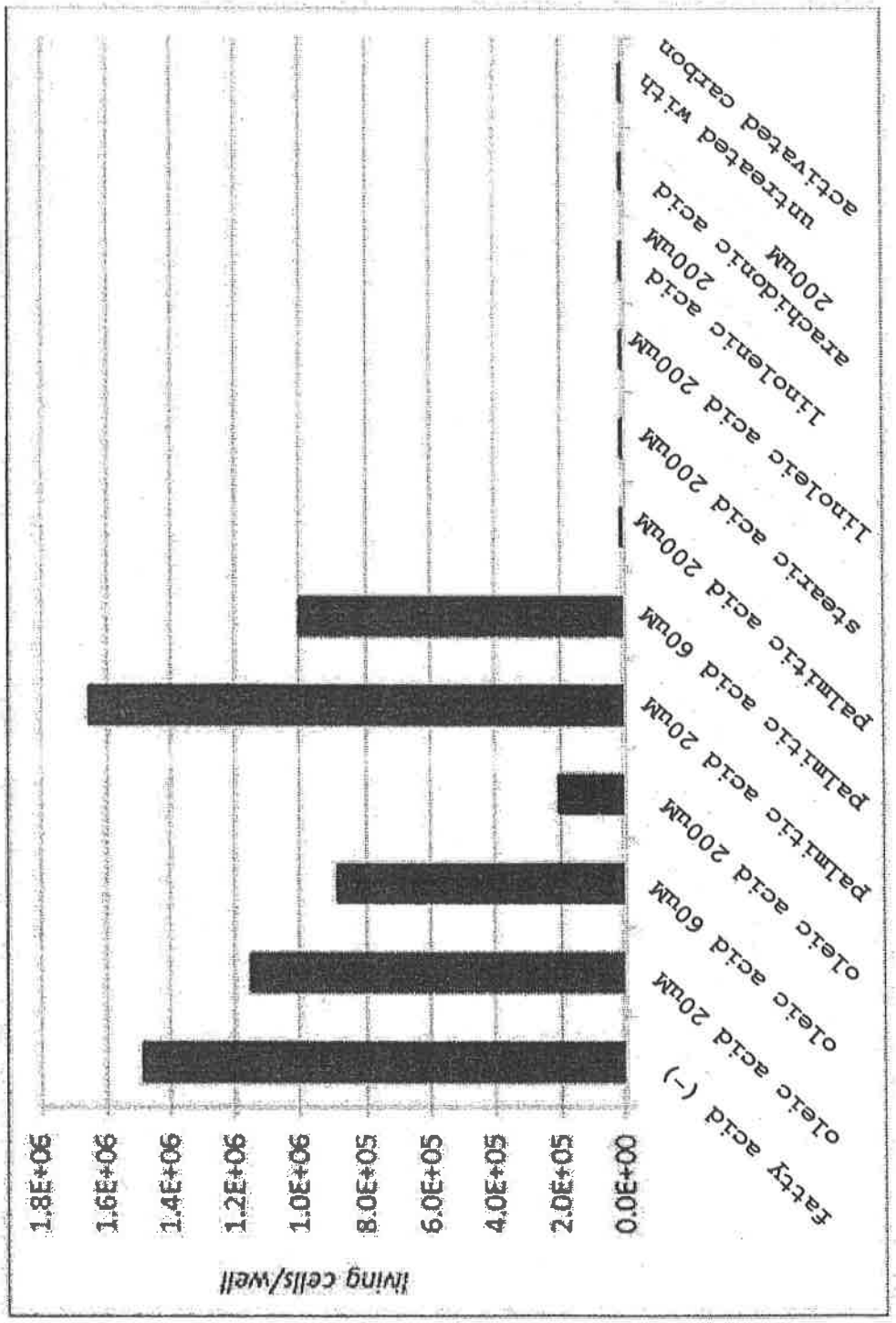

living cells/well
1.8E+06
1.6E+06
1.4E+06
1.2E+06
1.0E+06
8.0E+05
6.0E+05
4.0E+05
2.0E+05
0.0E+00
fatty acid (-)
oleic acid 20um
oleic acid 60um
oleic acid 200um
palmitic acid 20um
palmitic acid 60um
palmitic acid 200um
stearic acid 200um
linoleic acid 200um
linolenic acid 200um
arachidonic acid 200um
untreated with 200um
activated carbon

Fig. 3

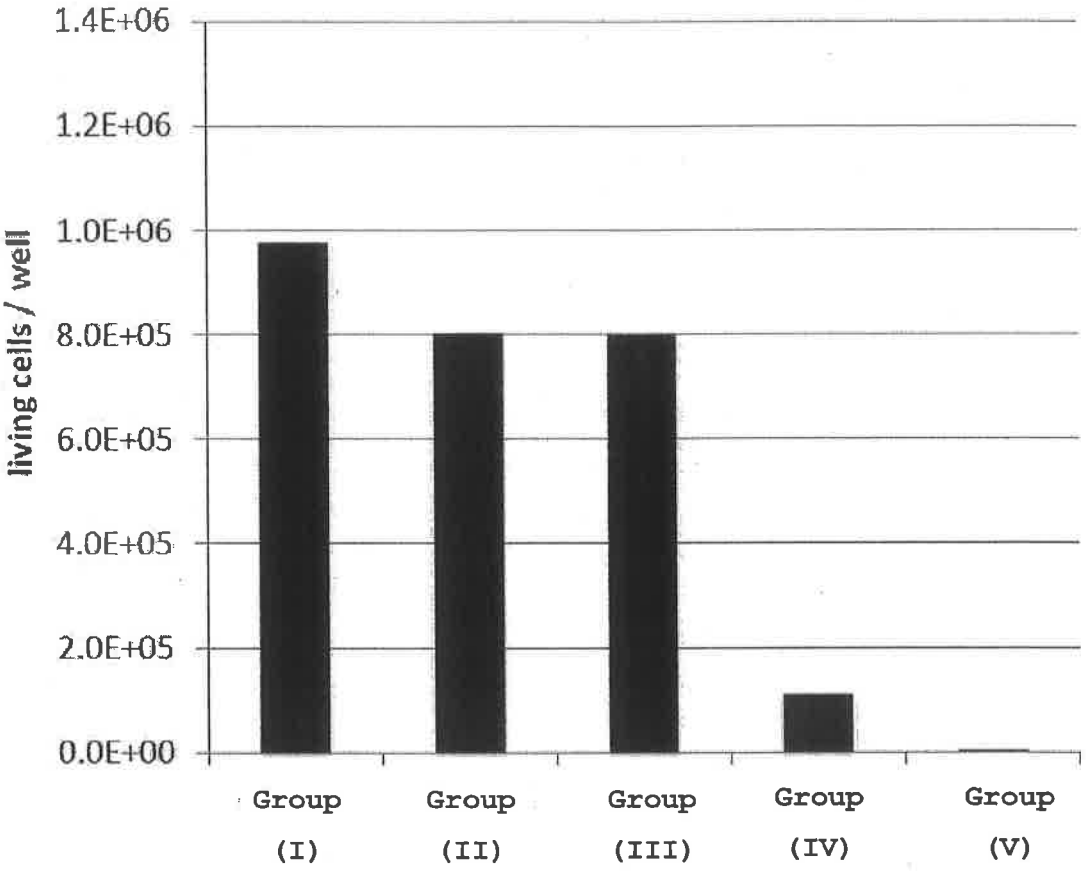
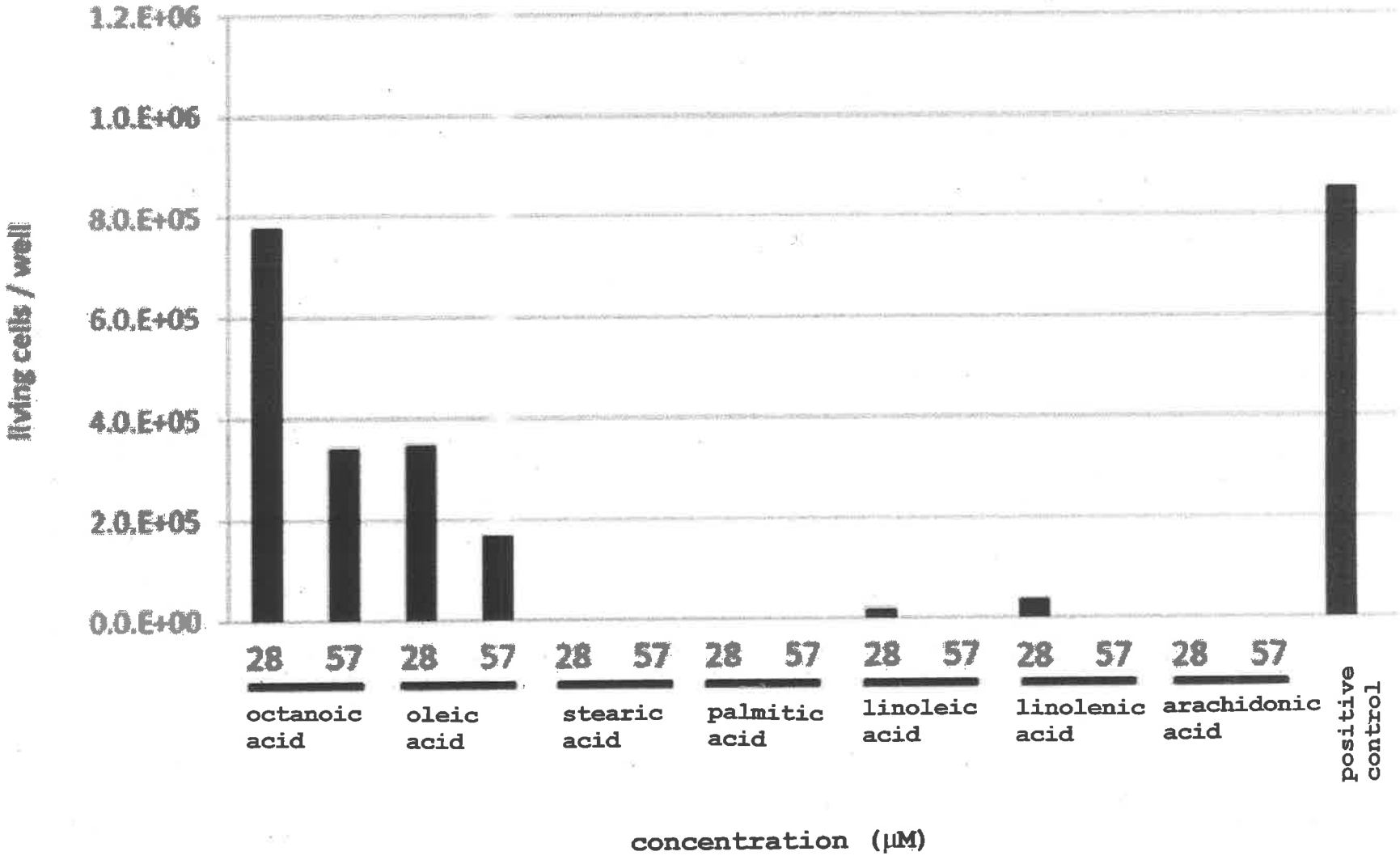

1.4E+06
1.2E+06
1.0E+06
8.0E+05
6.0E+05
4.0E+05
2.0E+05
0.0E+00
living cells / well
Group (I)
Group (II)
Group (III)
Group (IV)
Group (V)

Fig. 4


1.2.E+06
1.0.E+06
8.0.E+05
6.0.E+05
4.0.E+05
2.0.E+05
0.0.E+00
living cells / well
28
57
octanoic acid
oleic acid
stearic acid
palmitic acid
linoleic acid
linolenic acid
arachidonic acid
positive control
concentration (μM)