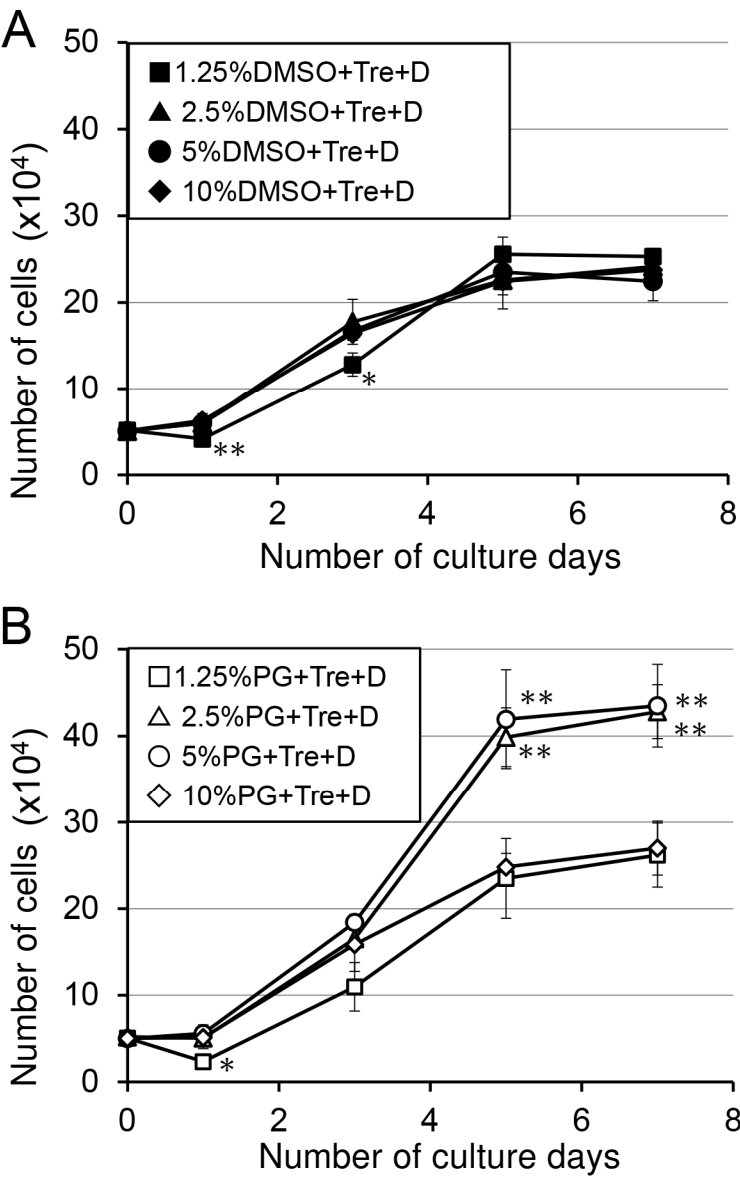
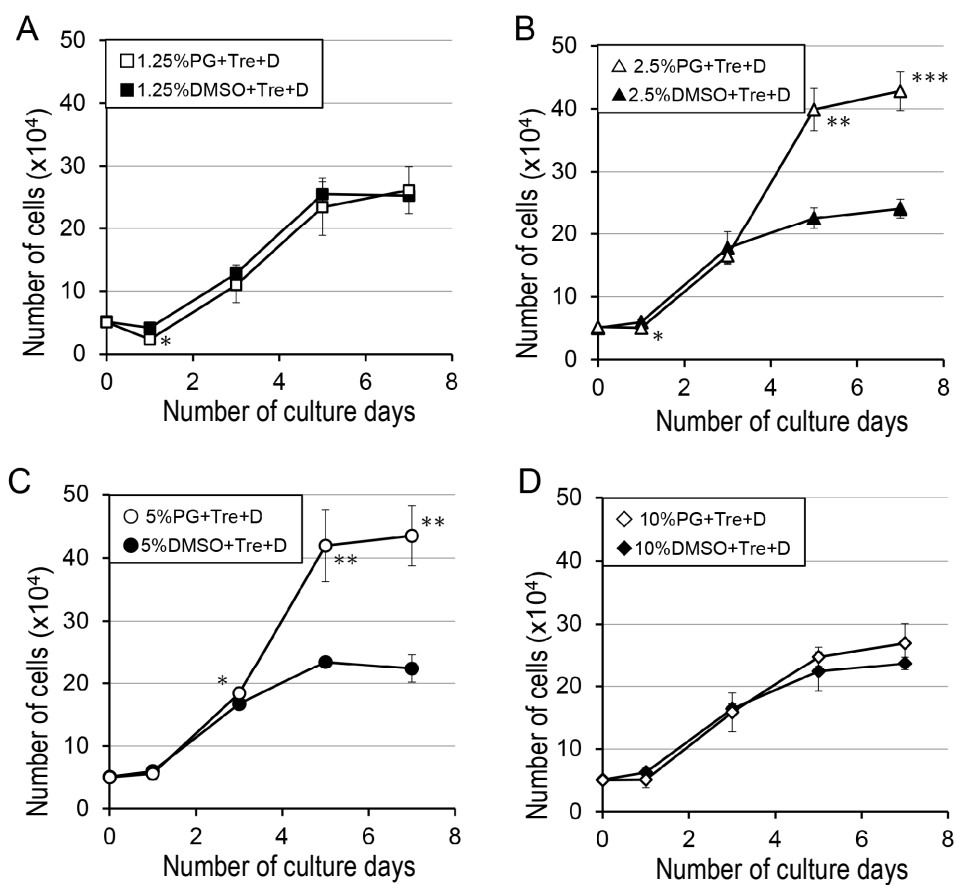


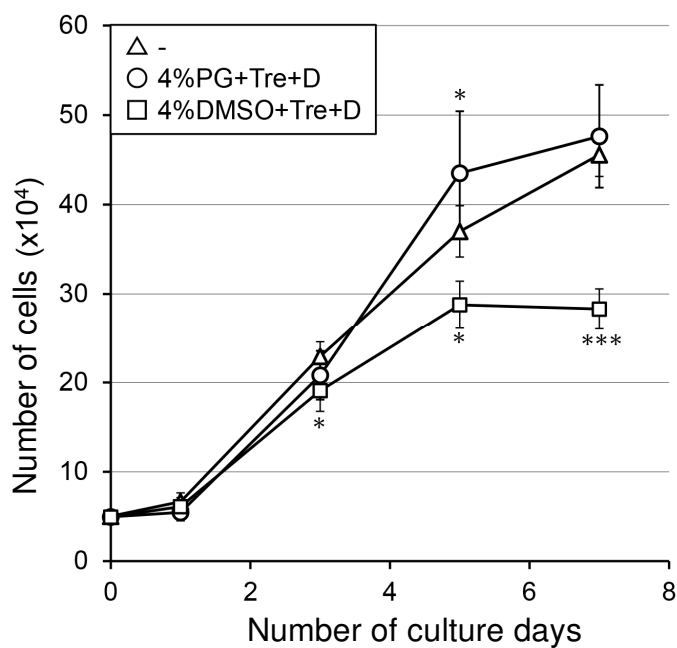
[Fig. 1]



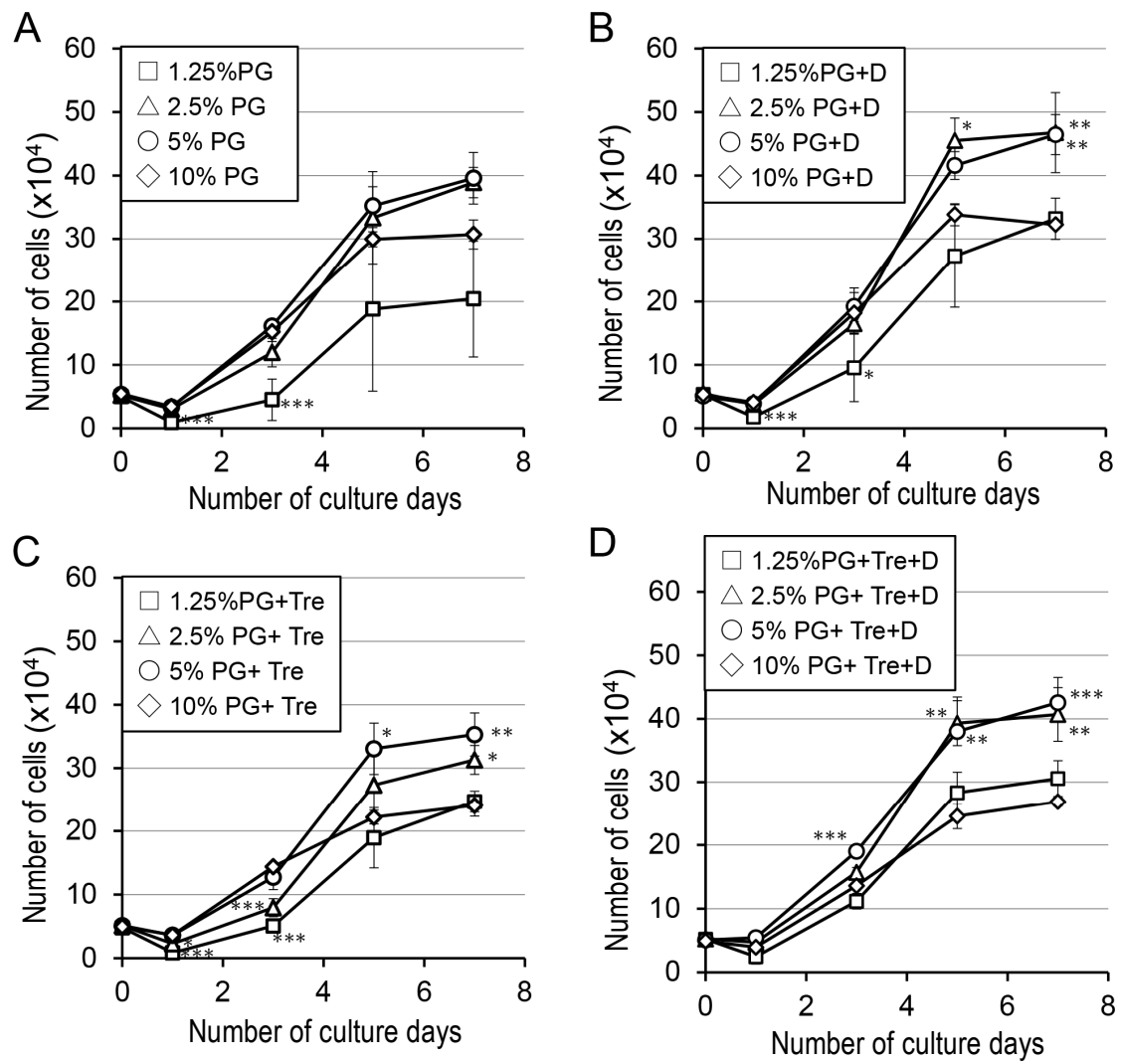
[Fig. 2]



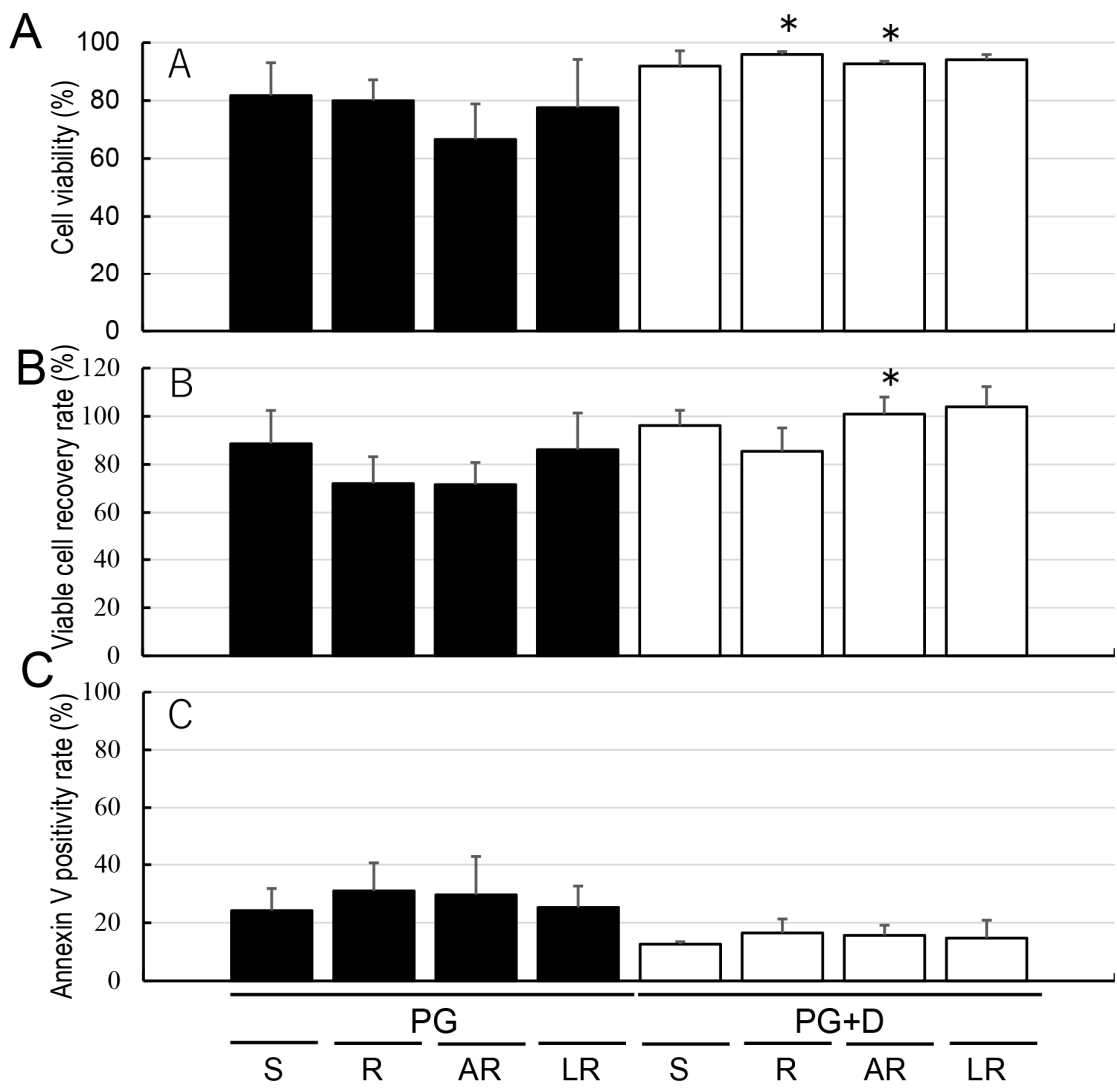
[Fig. 3]



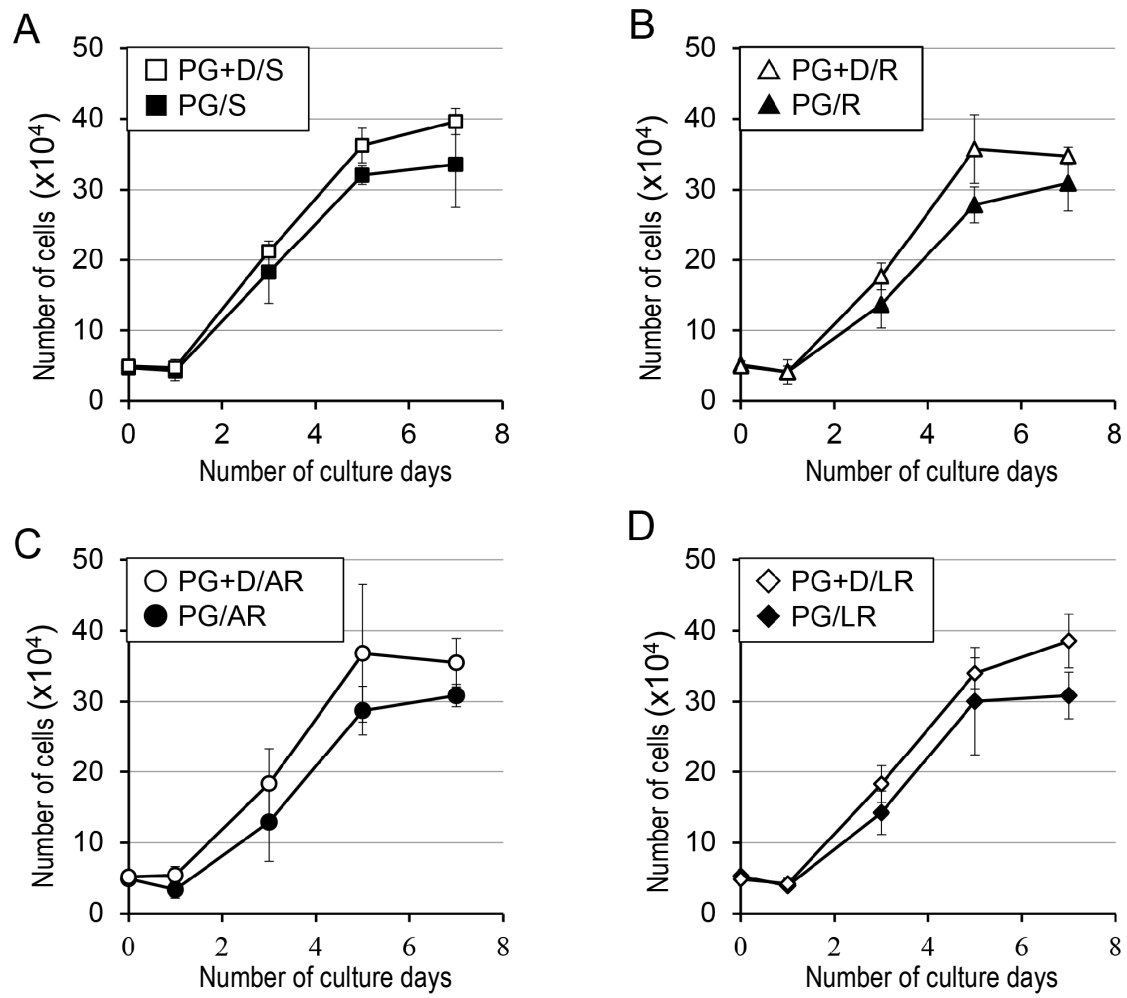
[Fig. 4]



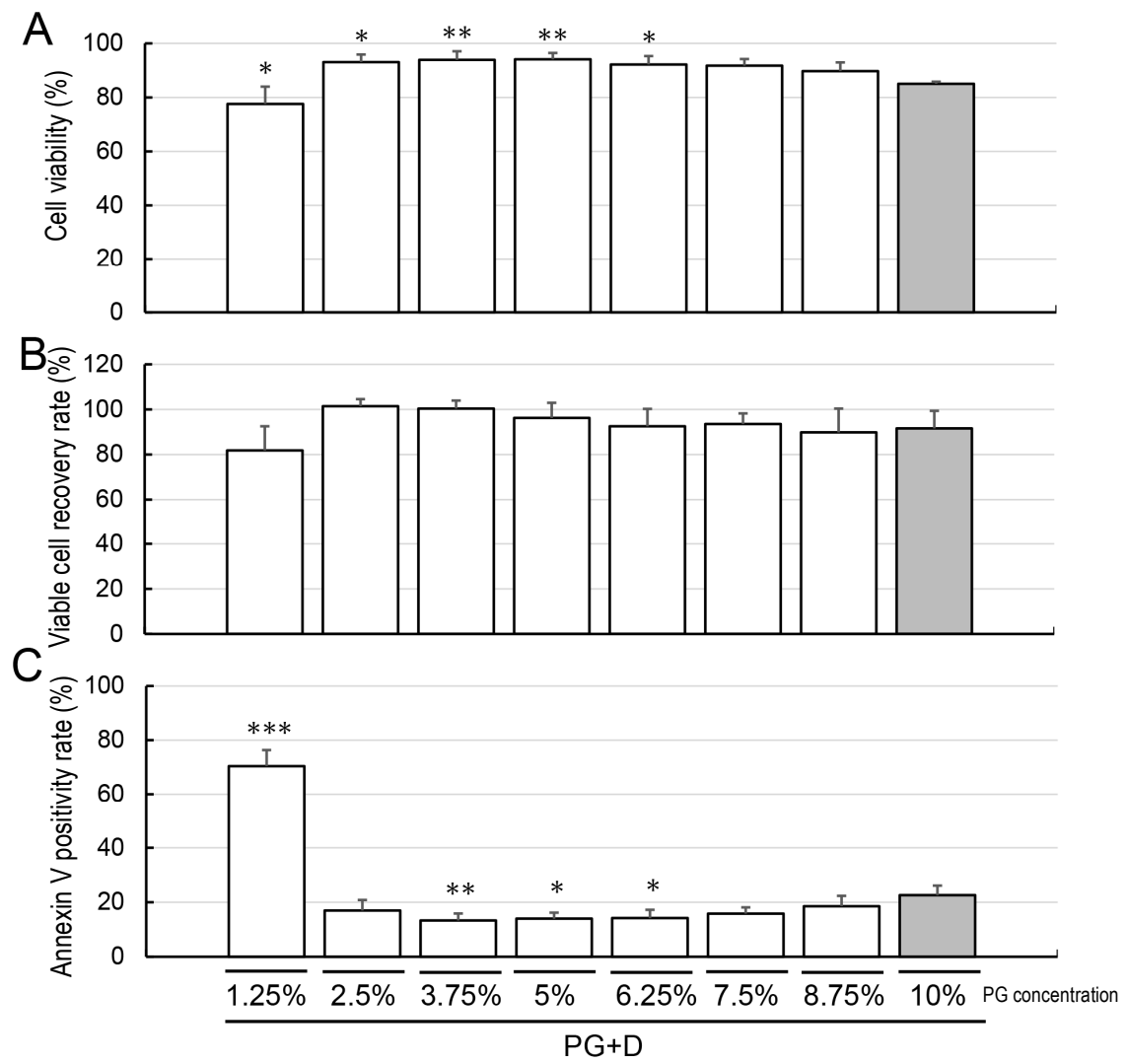
[Fig. 5]



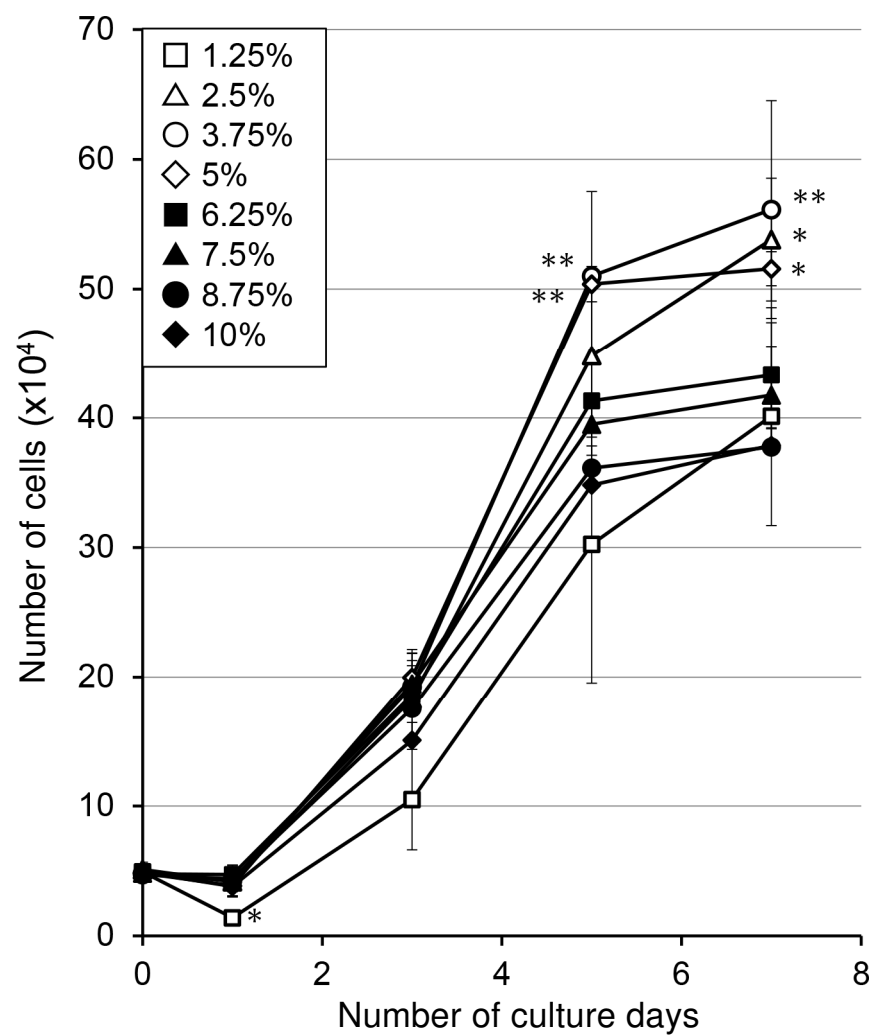
[Fig. 6]



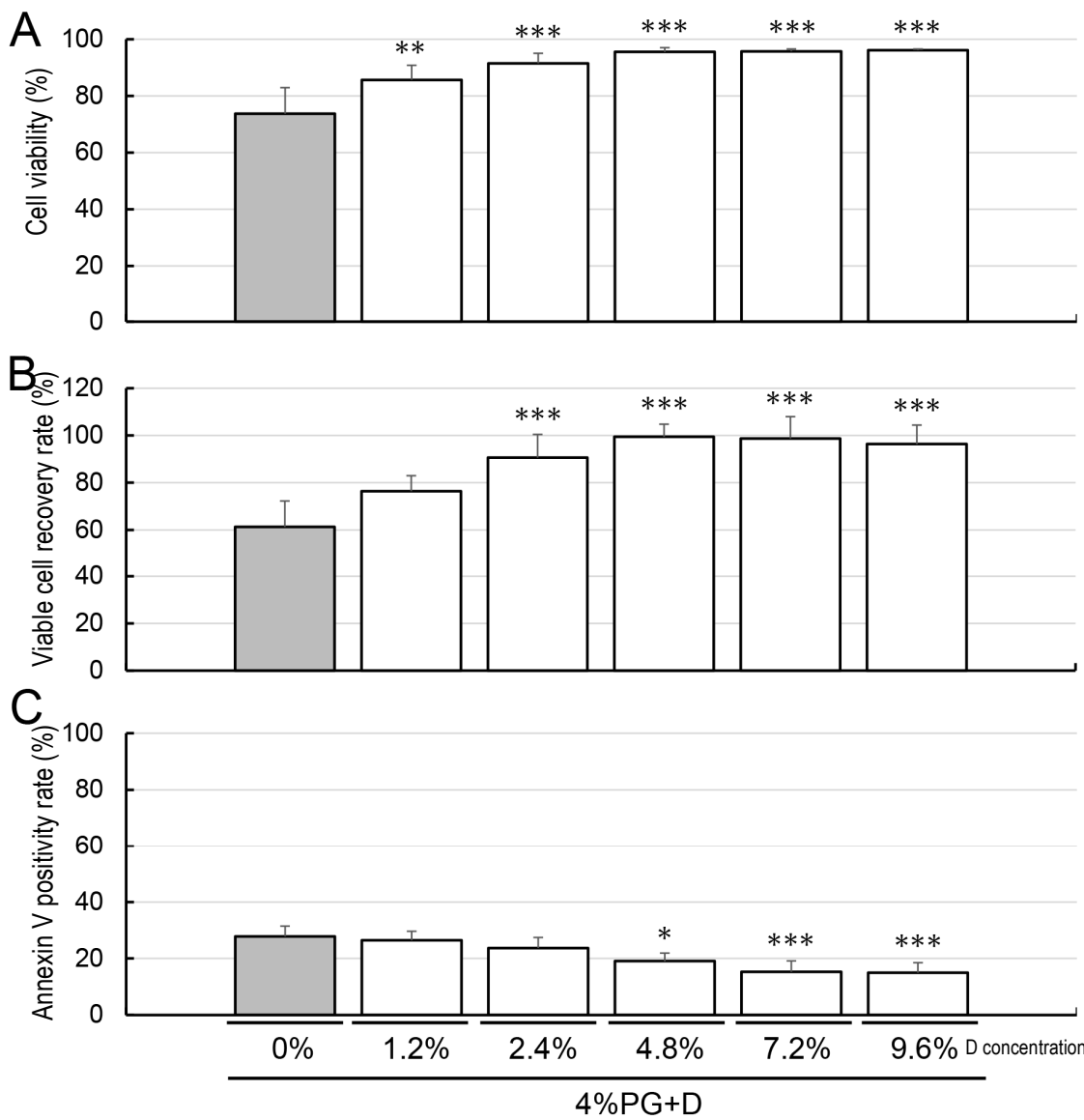
[Fig. 7]



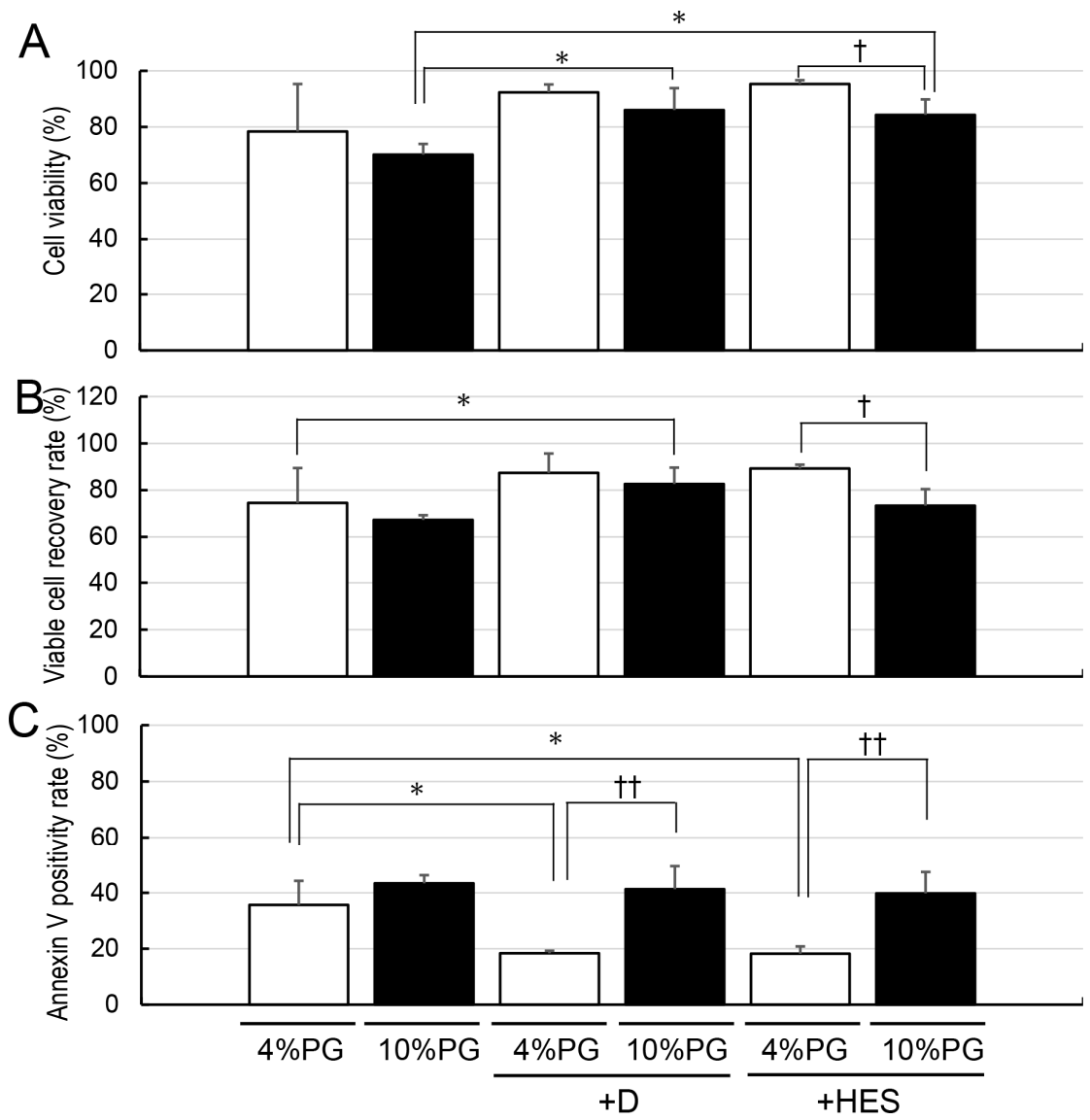
[Fig. 8]



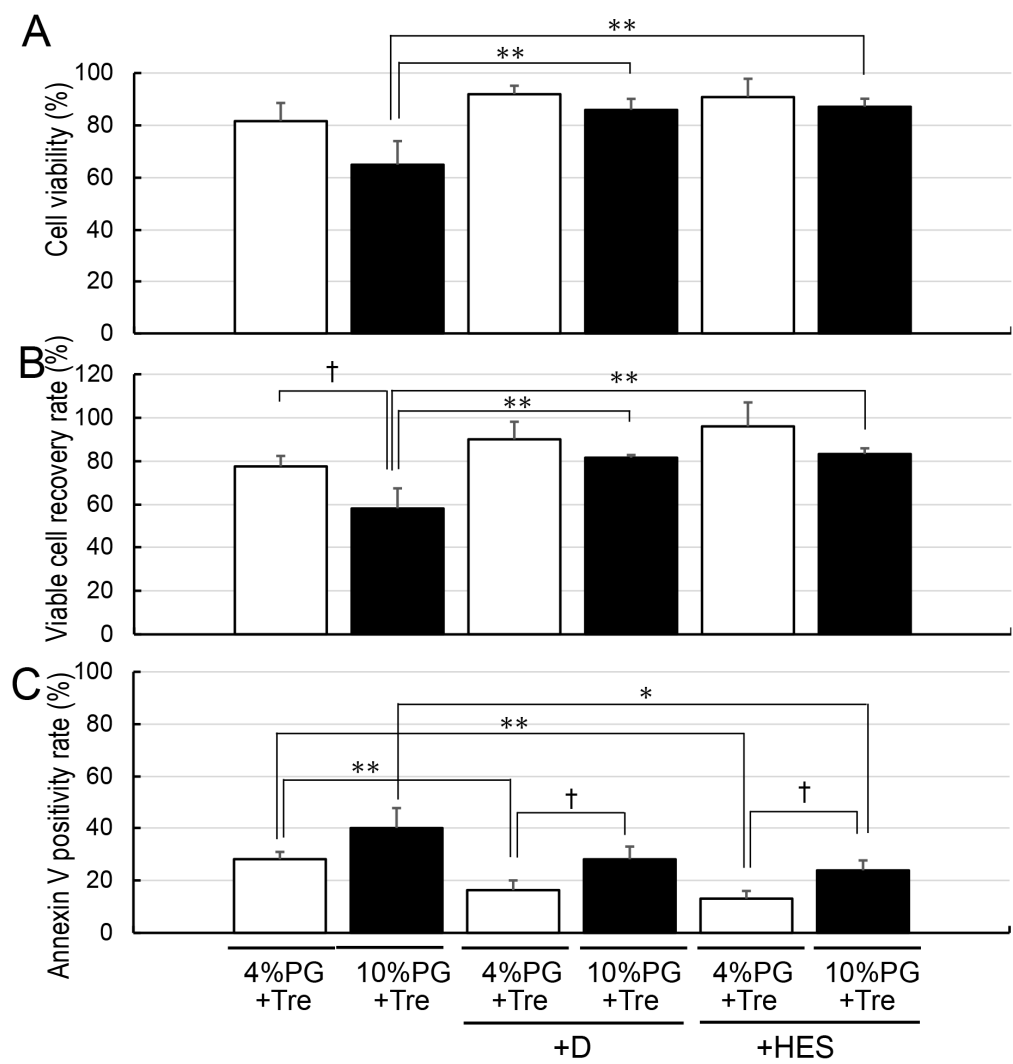
[Fig. 9]



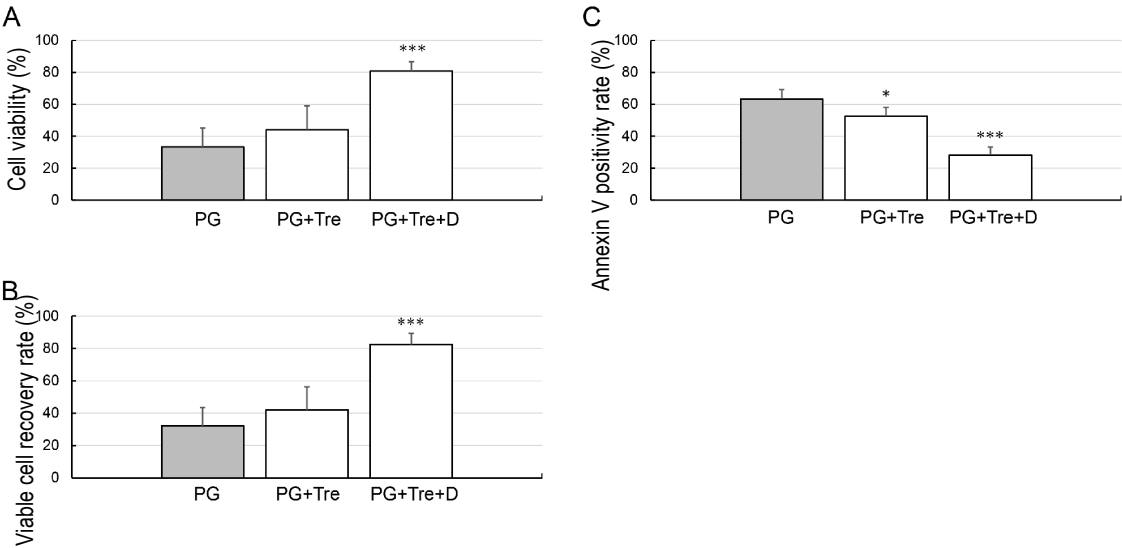
[Fig. 10]



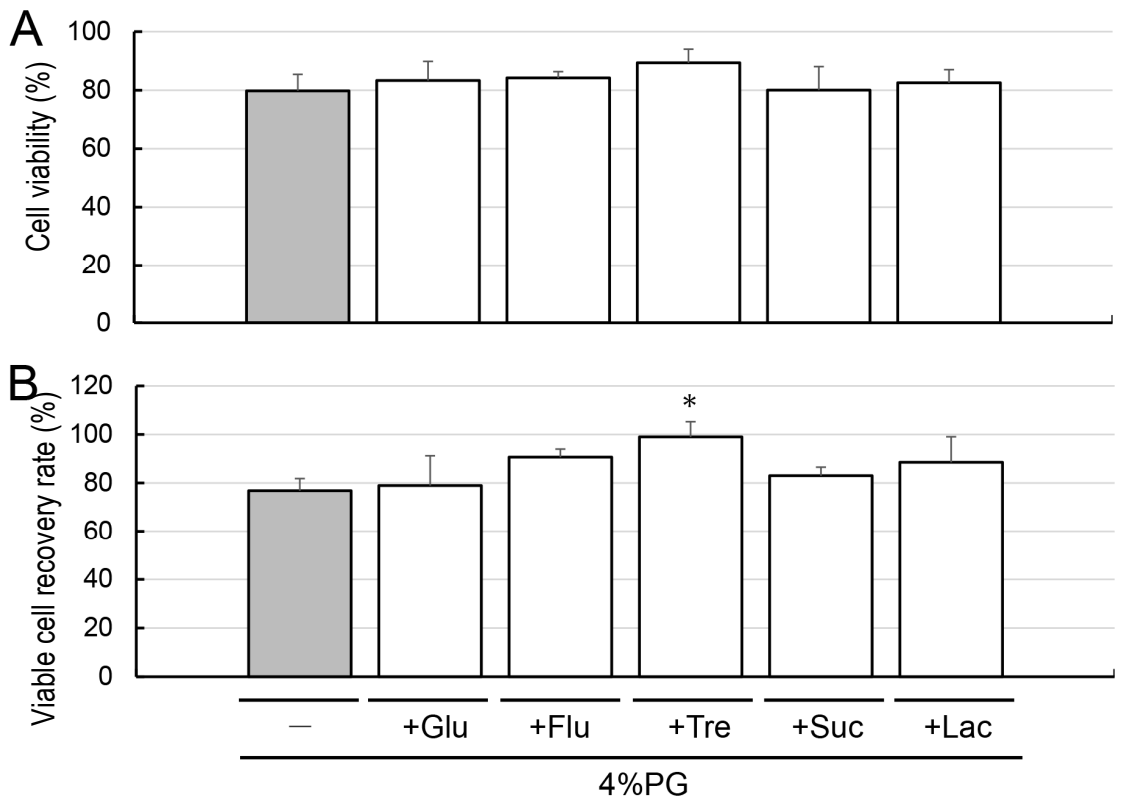
[Fig. 11]



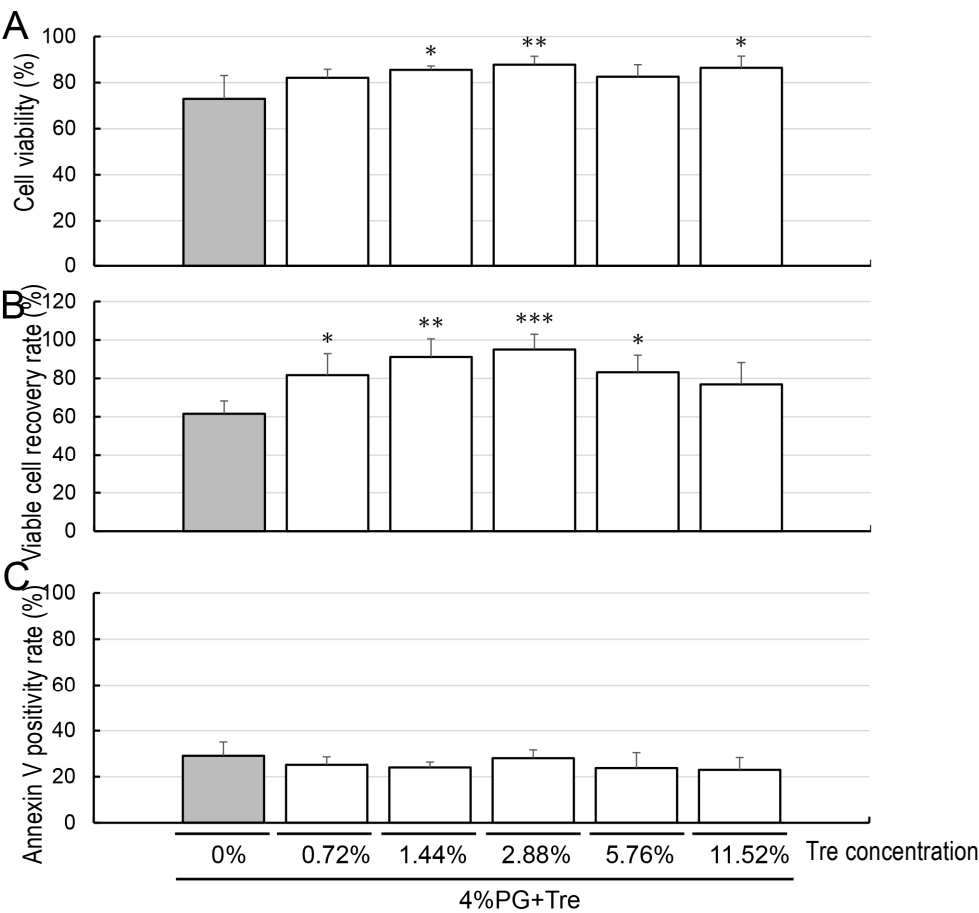
[Fig. 12]



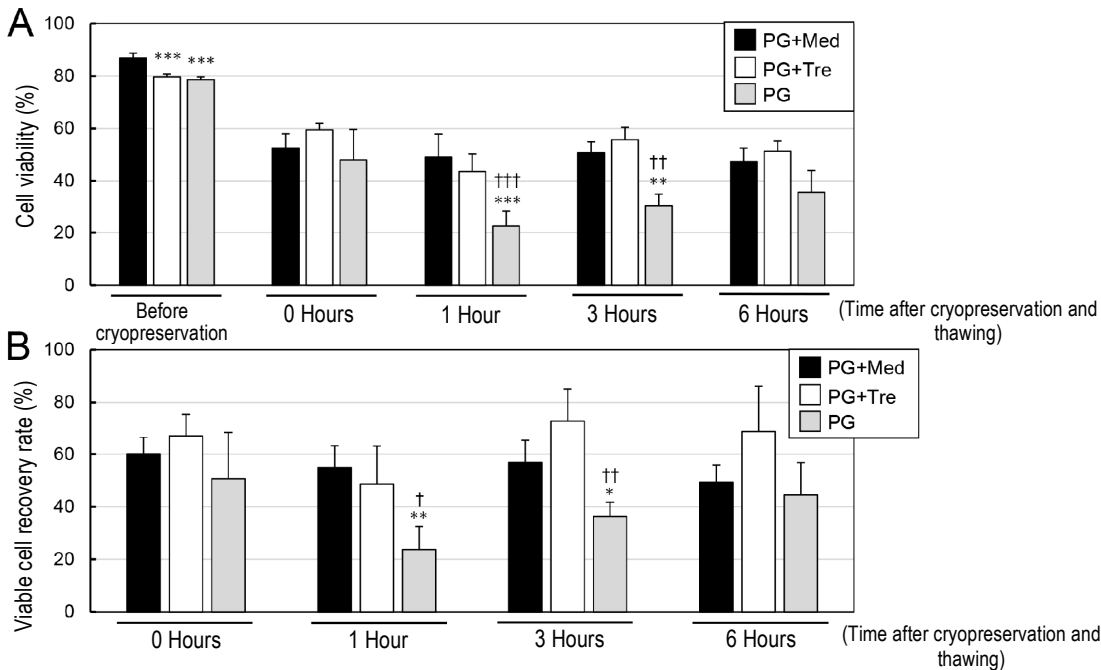
[Fig. 13]



[Fig. 14]



[Fig. 15]



A

Cell viability (%)

PG concentration (%)

Before cryopreservation

0 Hours

3 Hours

(Time after cryopreservation and thawing)

PG concentration (%)	Before cryopreservation	0 Hours	3 Hours
2	80	62	63
3	80	74*	74***†††
4	79	76*	75***
5	80	76**	75***
7.5	80	69	73***

B

Viable cell recovery rate (%)

PG concentration (%)

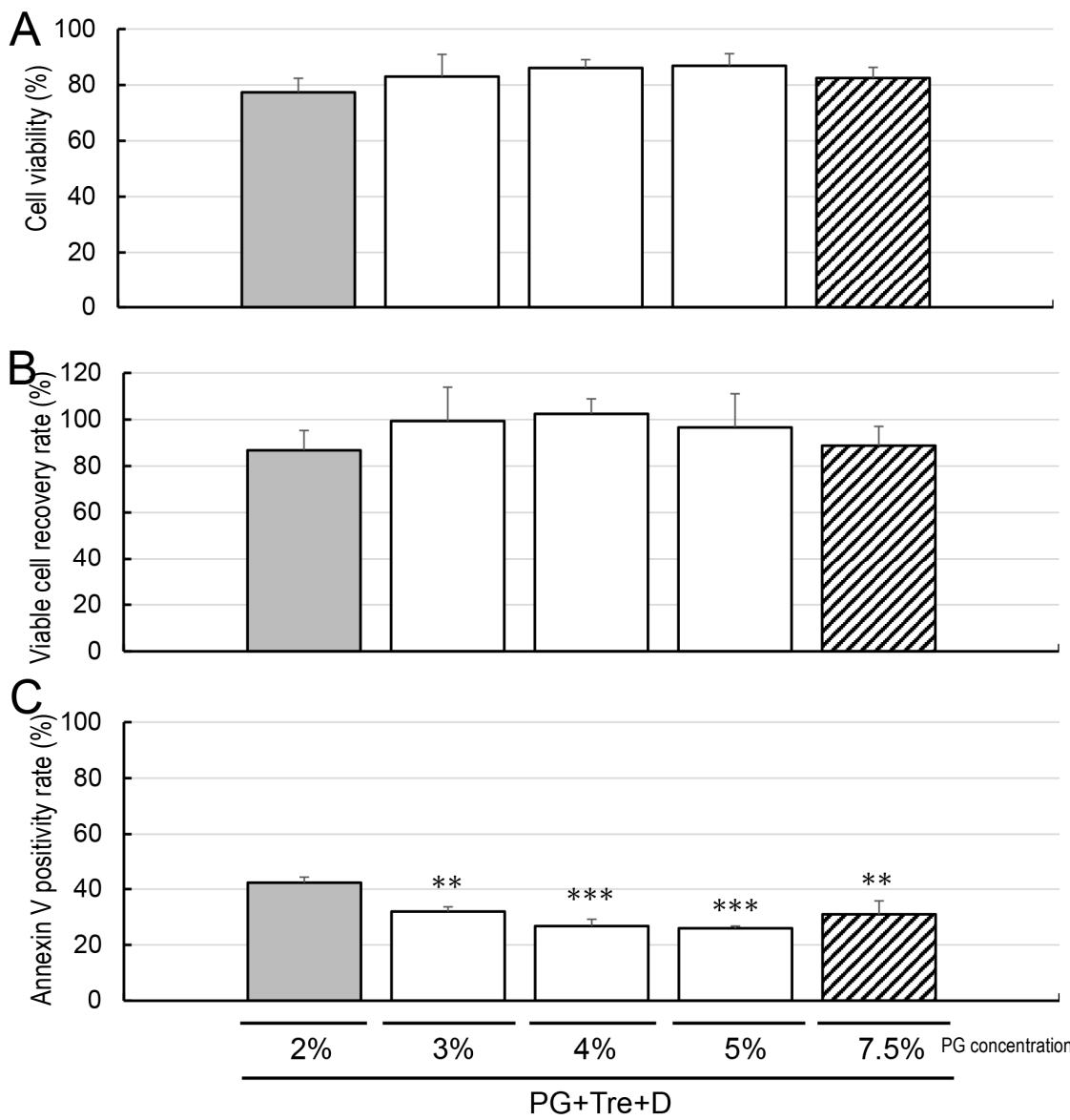
0 Hours

3 Hours

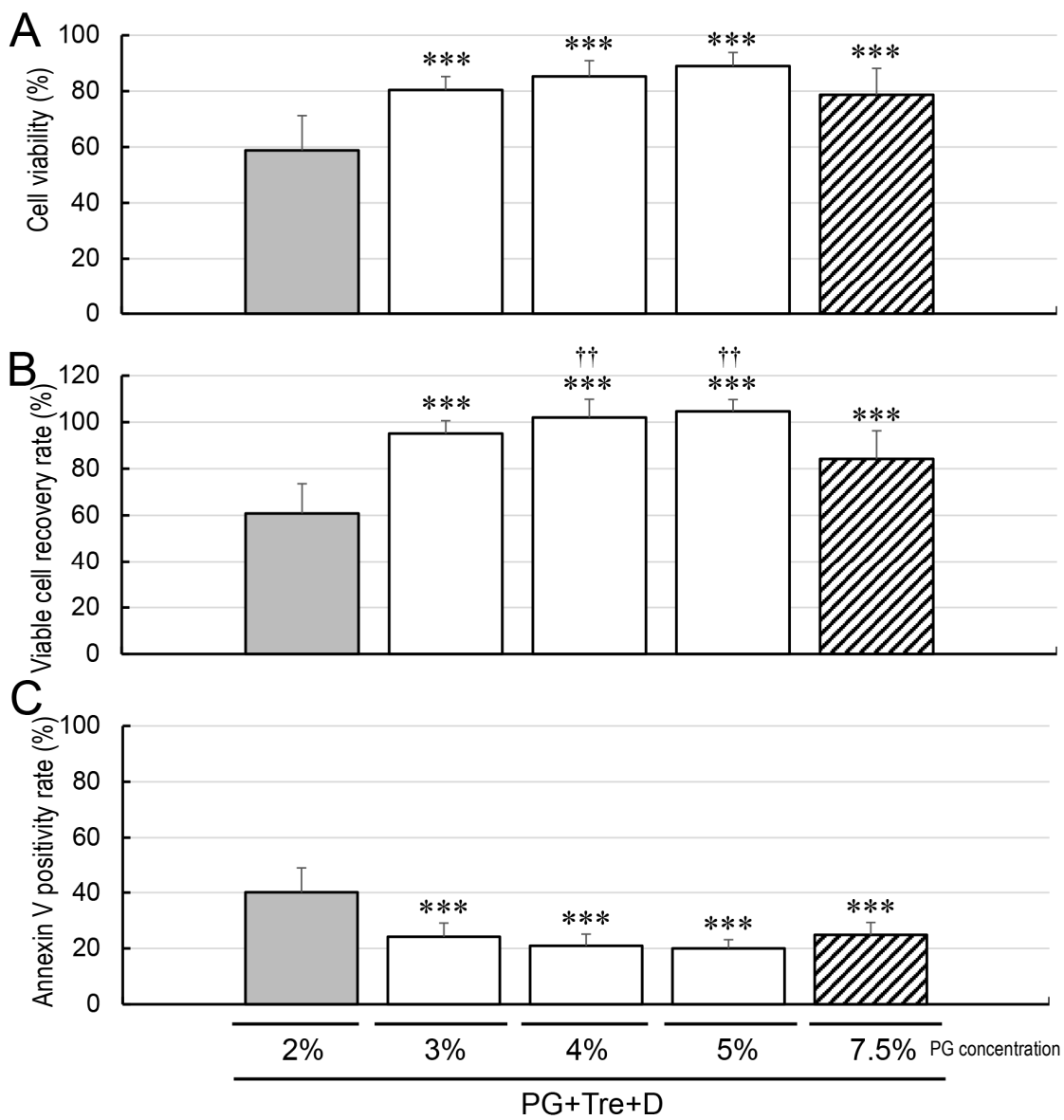
(Time after cryopreservation and thawing)

PG concentration (%)	0 Hours	3 Hours
2	68	74
3	78	88*
4	88†	91**
5	83†	90**
7.5	58	81

[Fig. 17]



[Fig. 18]



[Fig. 19]

