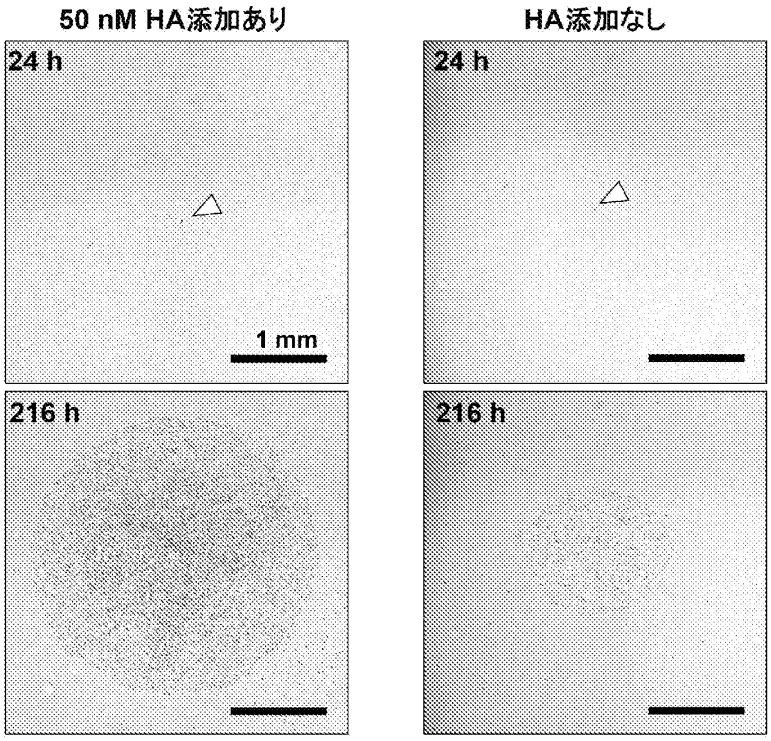
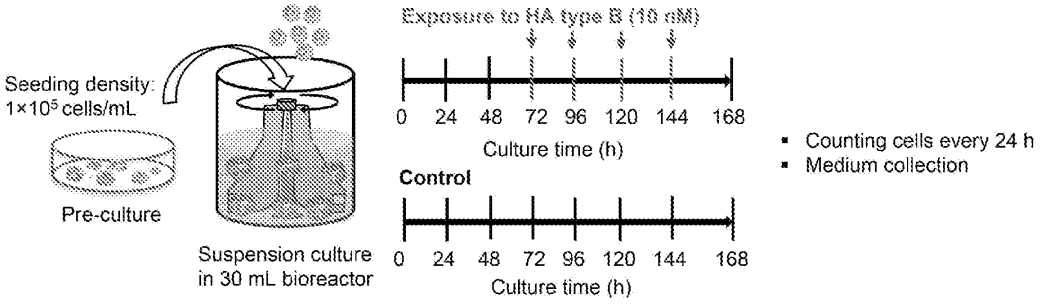
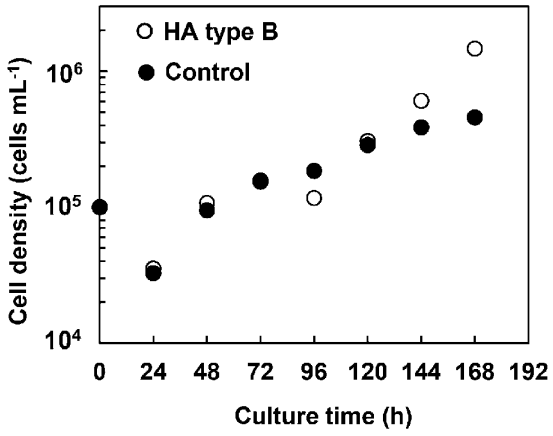
[図1]


50 nM HA添加あり
HA添加なし
24 h
24 h
1 mm
216 h
216 h

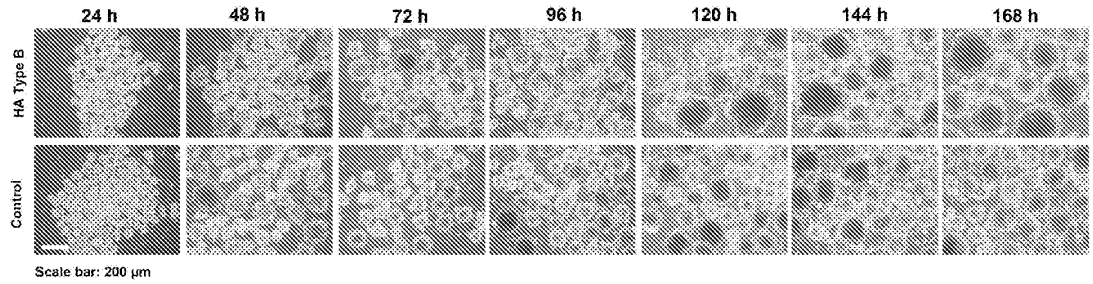
[図2]


Seeding density:
1×10⁵ cells/mL
Pre-culture
Suspension culture
in 30 mL bioreactor
Exposure to HA type B (10 nM)
0 24 48 72 96 120 144 168
Culture time (h)
Control
0 24 48 72 96 120 144 168
Culture time (h)
Counting cells every 24 h
Medium collection

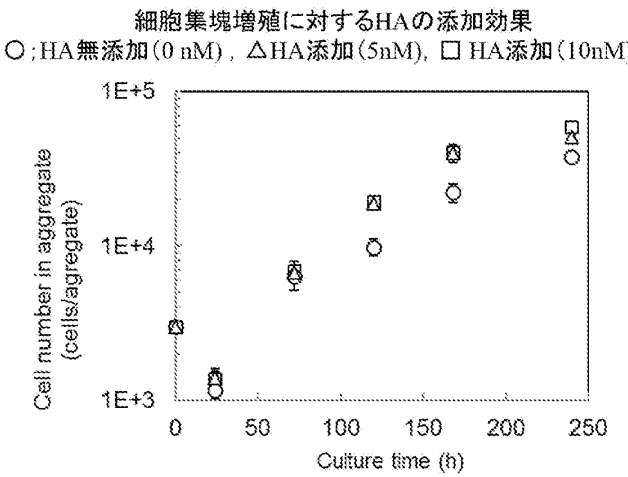
[図3]


HA type B
Control
Cell density (cells mL⁻¹)
10⁶
10⁵
10⁴
0 24 48 72 96 120 144 168 192
Culture time (h)

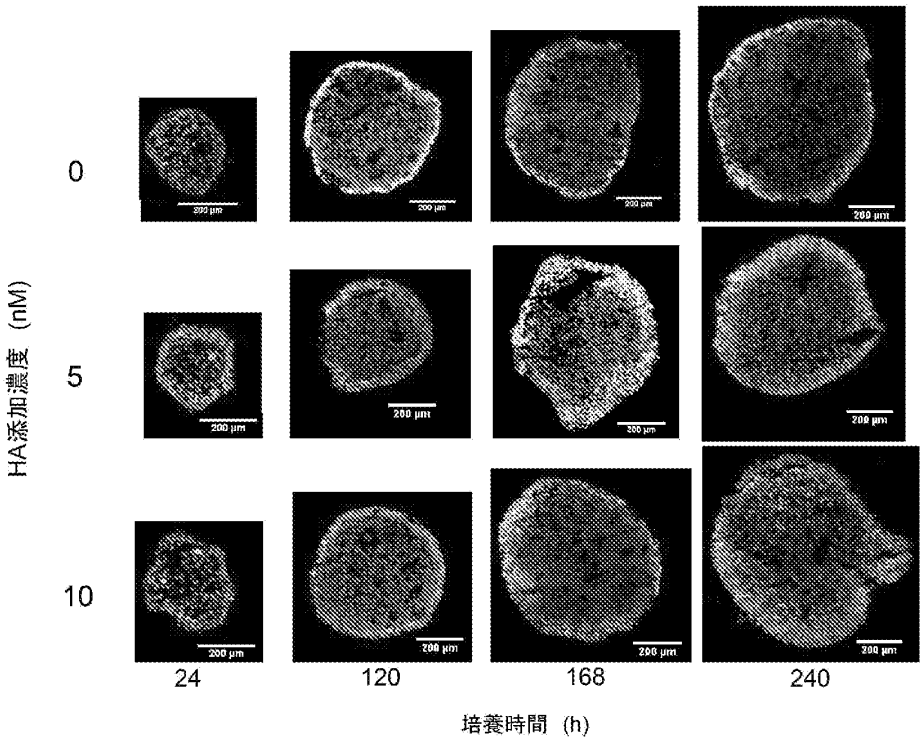
[図4]


24 h
48 h
72 h
96 h
120 h
144 h
168 h
HA Type B
Control
Scale bar: 200 μm

[図5]


細胞集塊増殖に対するHAの添加効果
○;HA無添加(0 nM), △HA添加(5nM), □ HA添加(10nM)
1E+5
1E+4
1E+3
Cell number in aggregate (cells/agregate)
0
50
100
150
200
250
Culture time (h)

[図6]


0
5
10
HA添加濃度 (nM)
24
120
168
240
培養時間 (h)