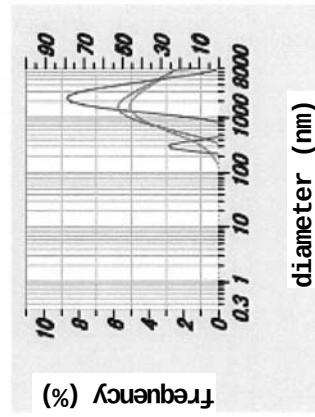


[Fig. 1-1]

DLS (dynamic scattering method)

sCA-miR

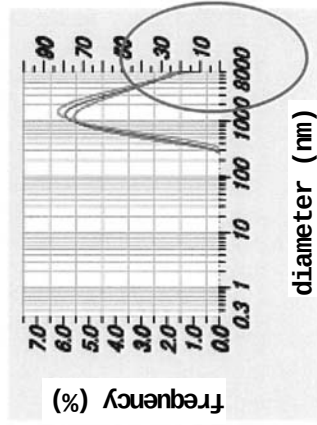
No treatment



average 2500 nm

sCA-miR

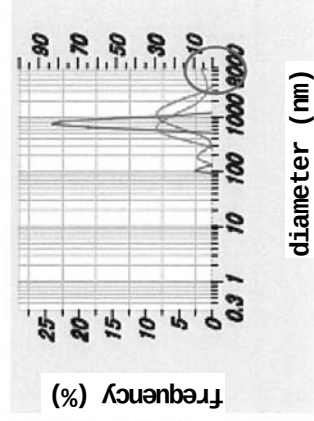
Senjyo



average 1980 nm

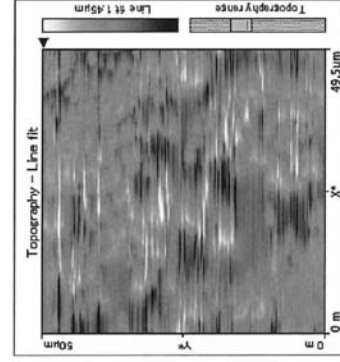
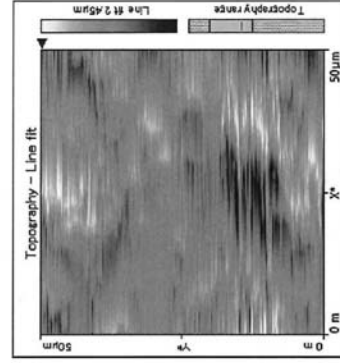
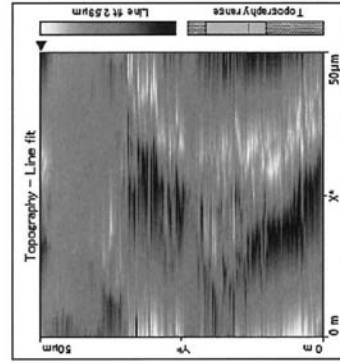
sCA-miR

Covaris



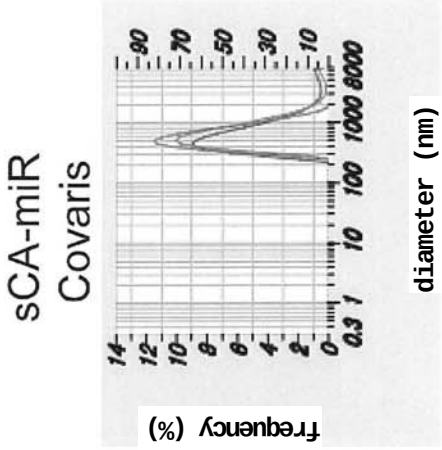
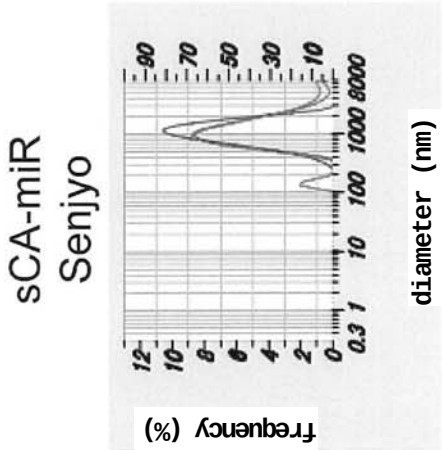
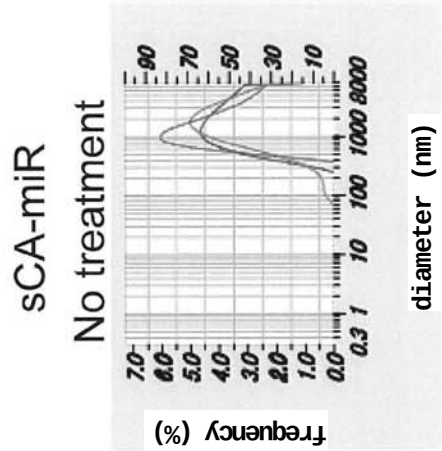
average 740 nm

AFM (atomic force microscope)

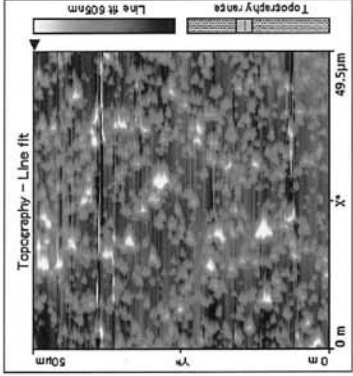
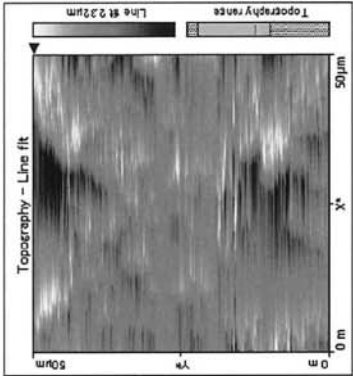
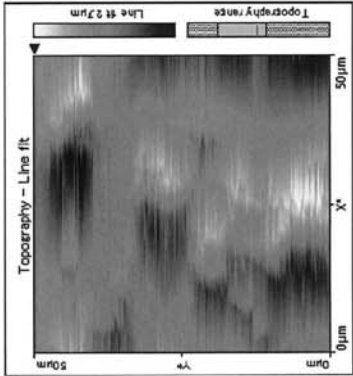


[Fig. 1-2]

DLS (dynamic scattering method)

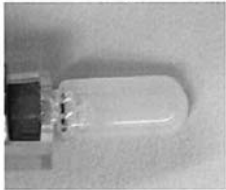


AFM (atomic force microscope)

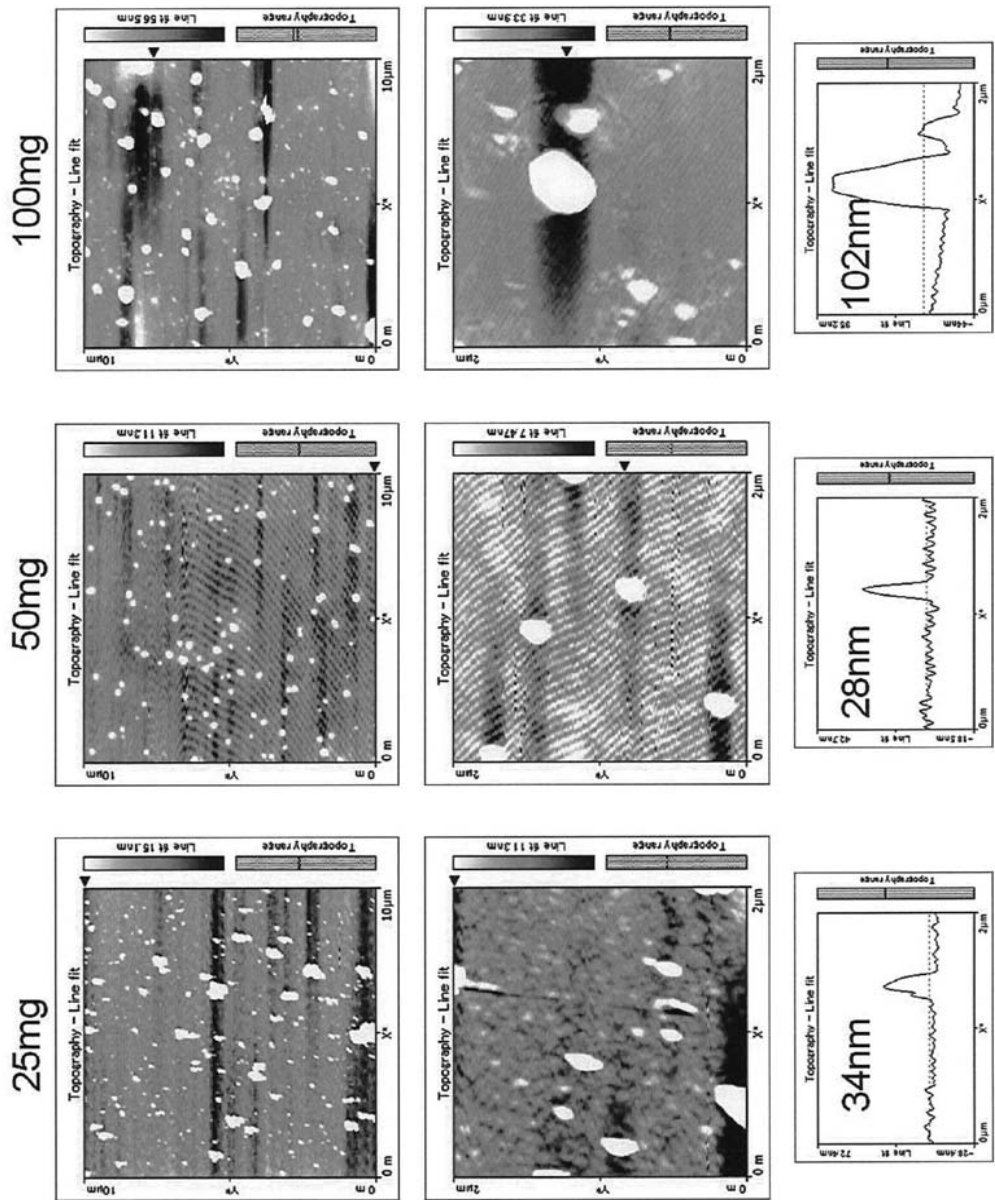


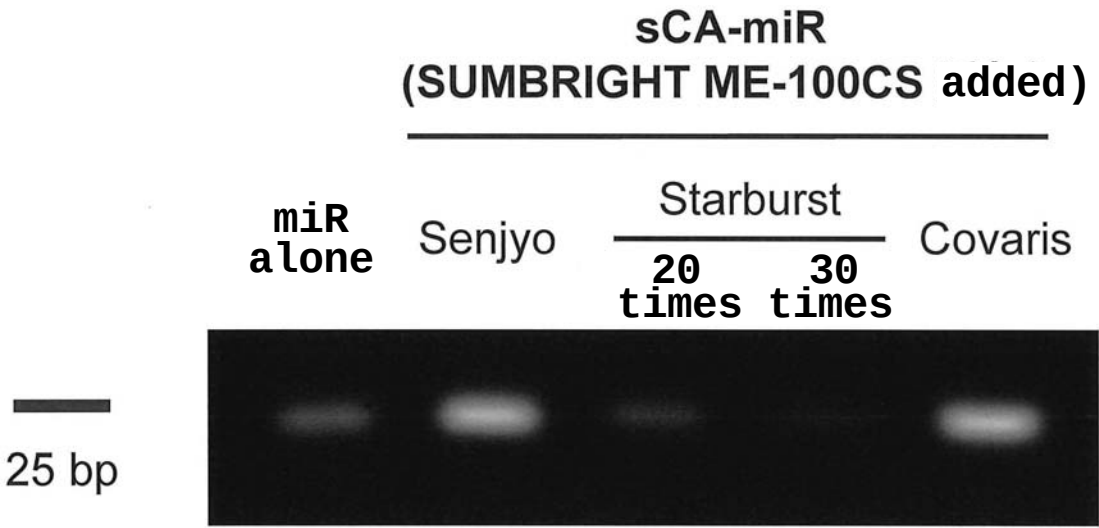
[Fig. 2]

AFM (atomic force microscope)



sampling at  
1/50  
dilution





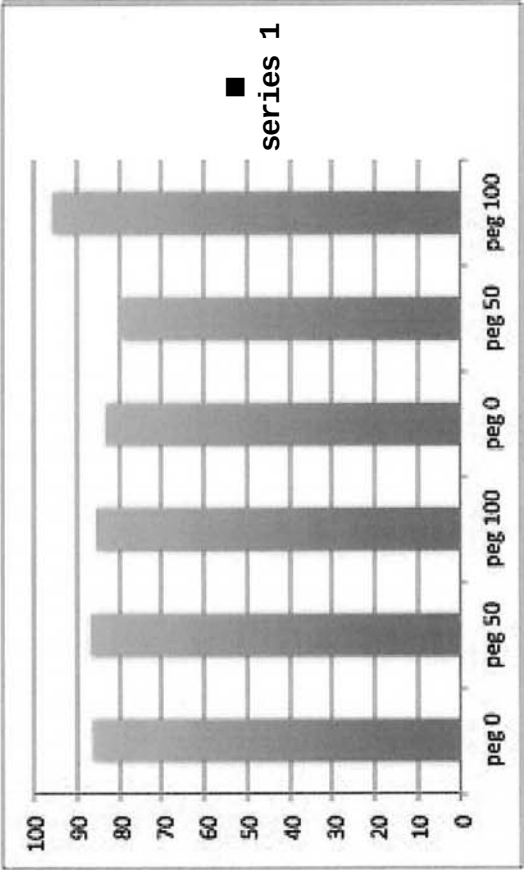
[Fig. 4]

colorectal cancer cell HCT116

(sCA-miR34a)

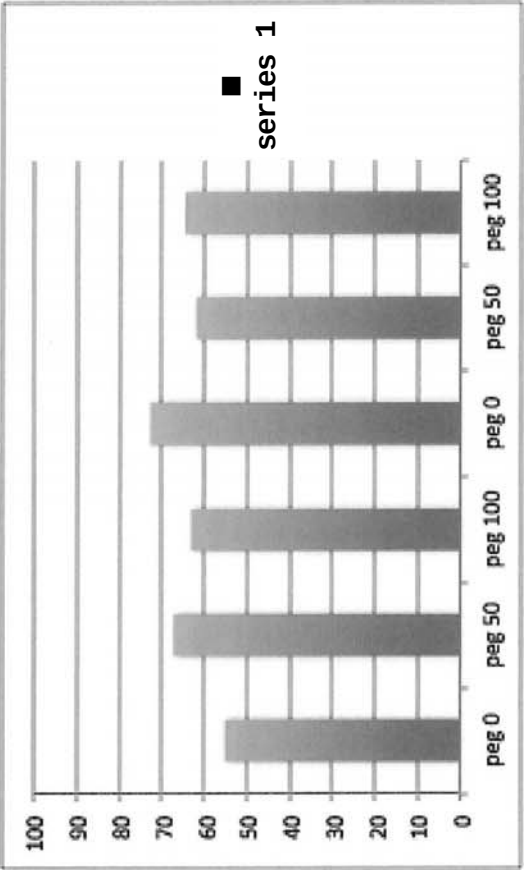
48hr

72hr



Senjyo

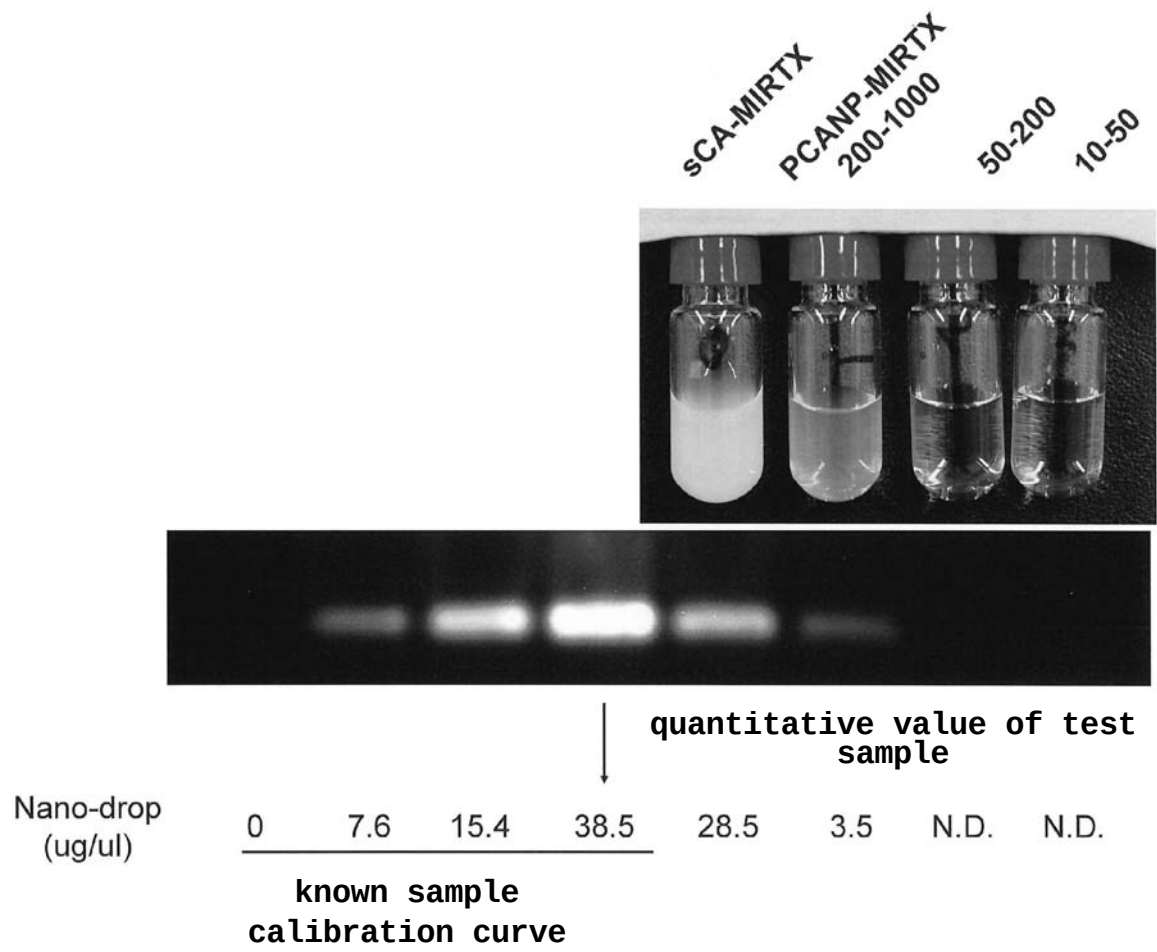
Covaris



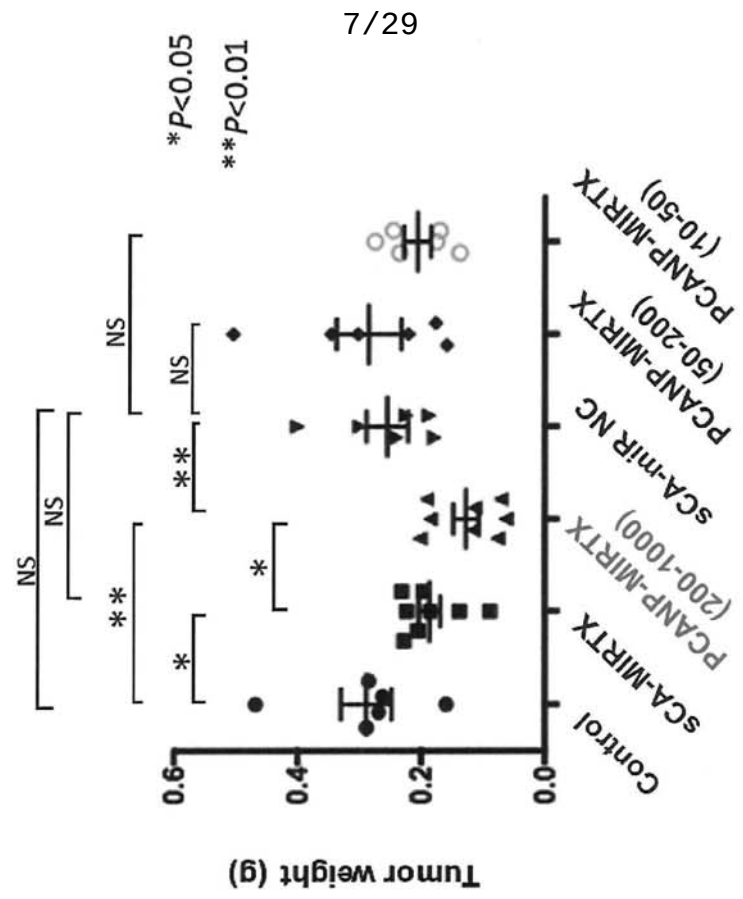
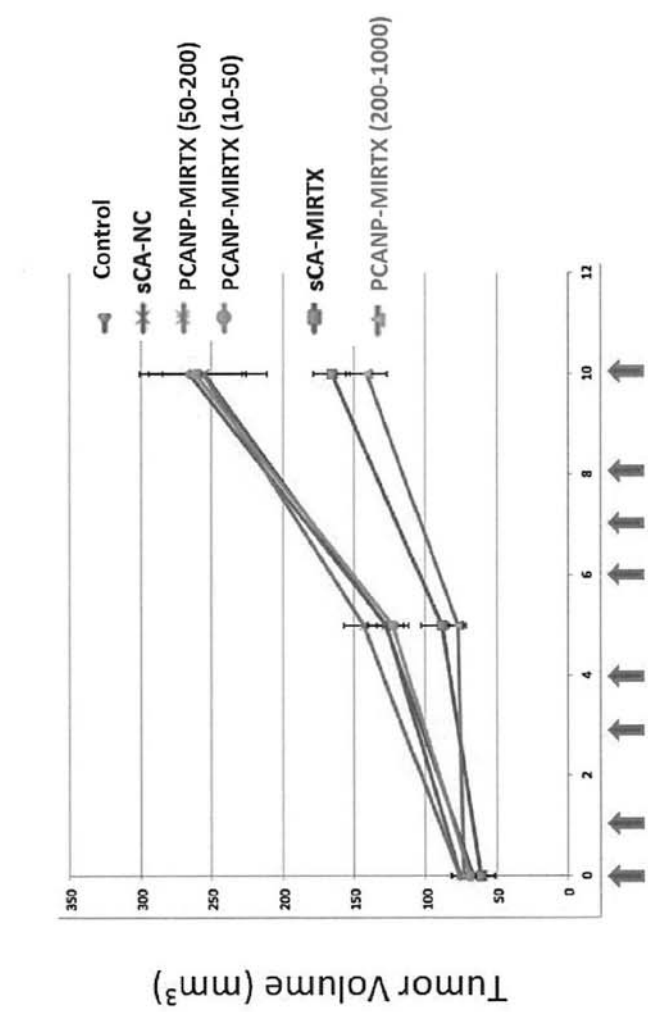
Senjyo

Covaris

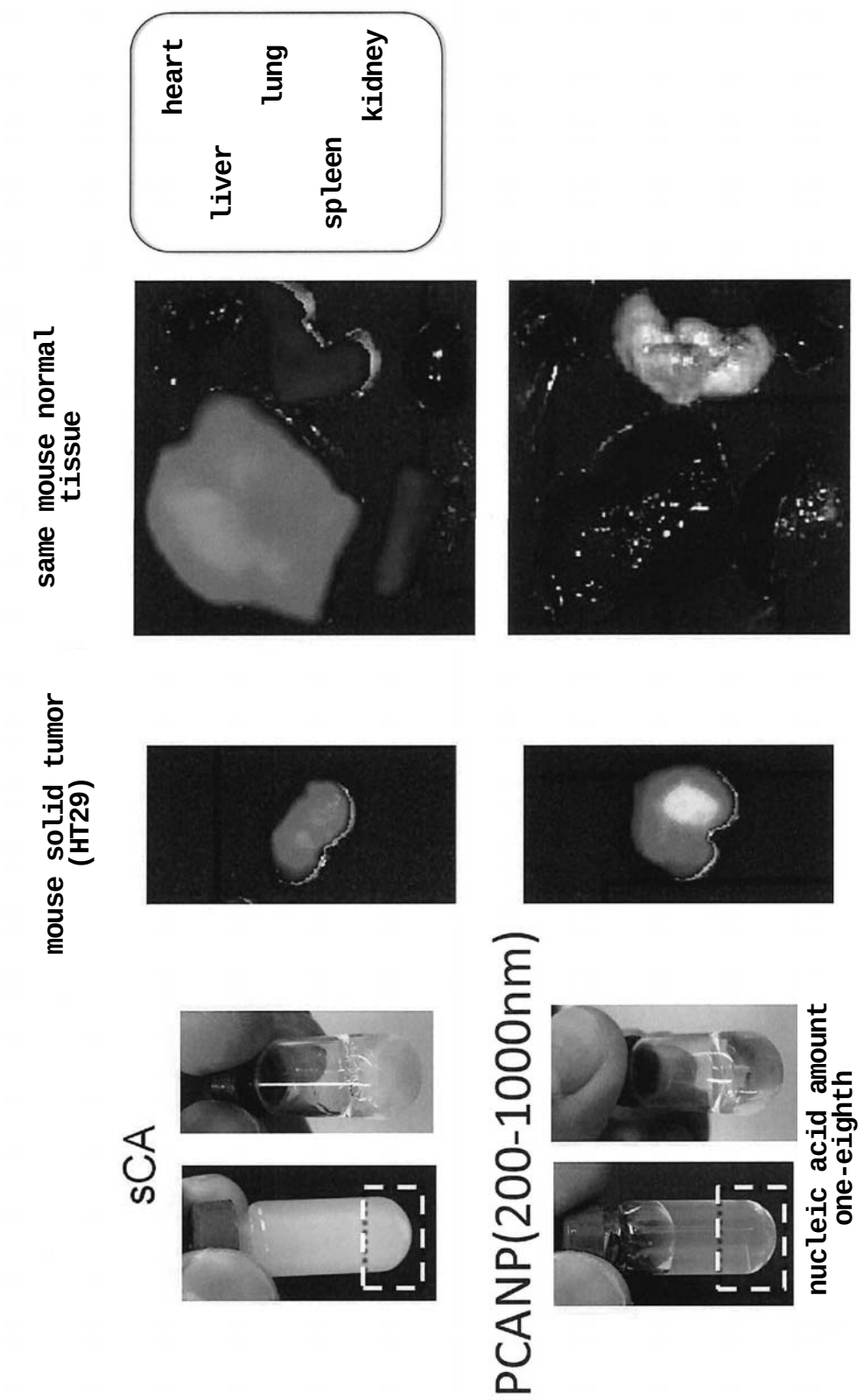
[Fig. 5]



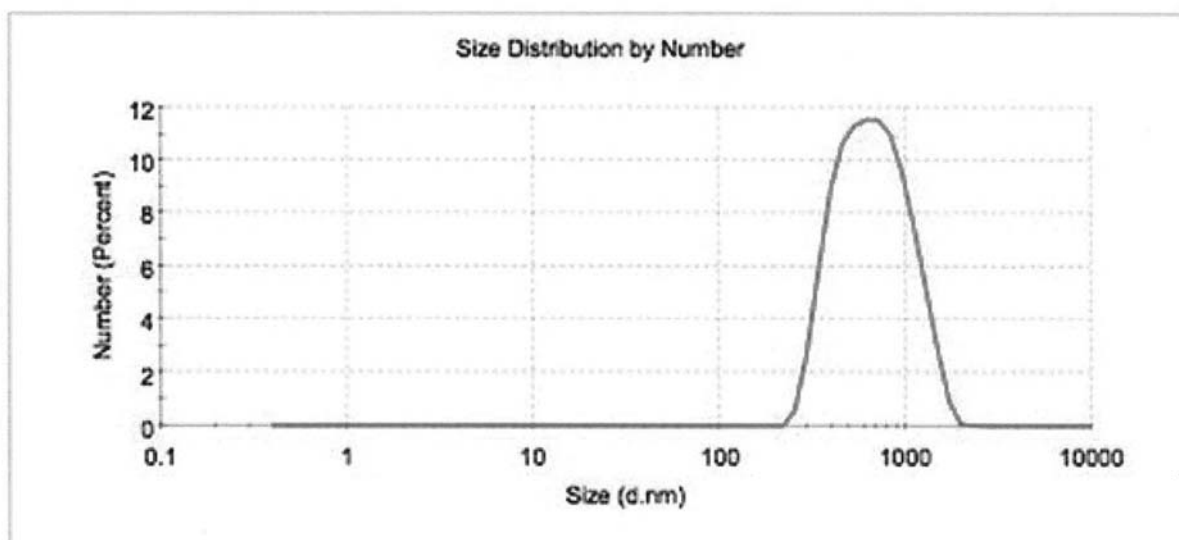
[Fig. 6]



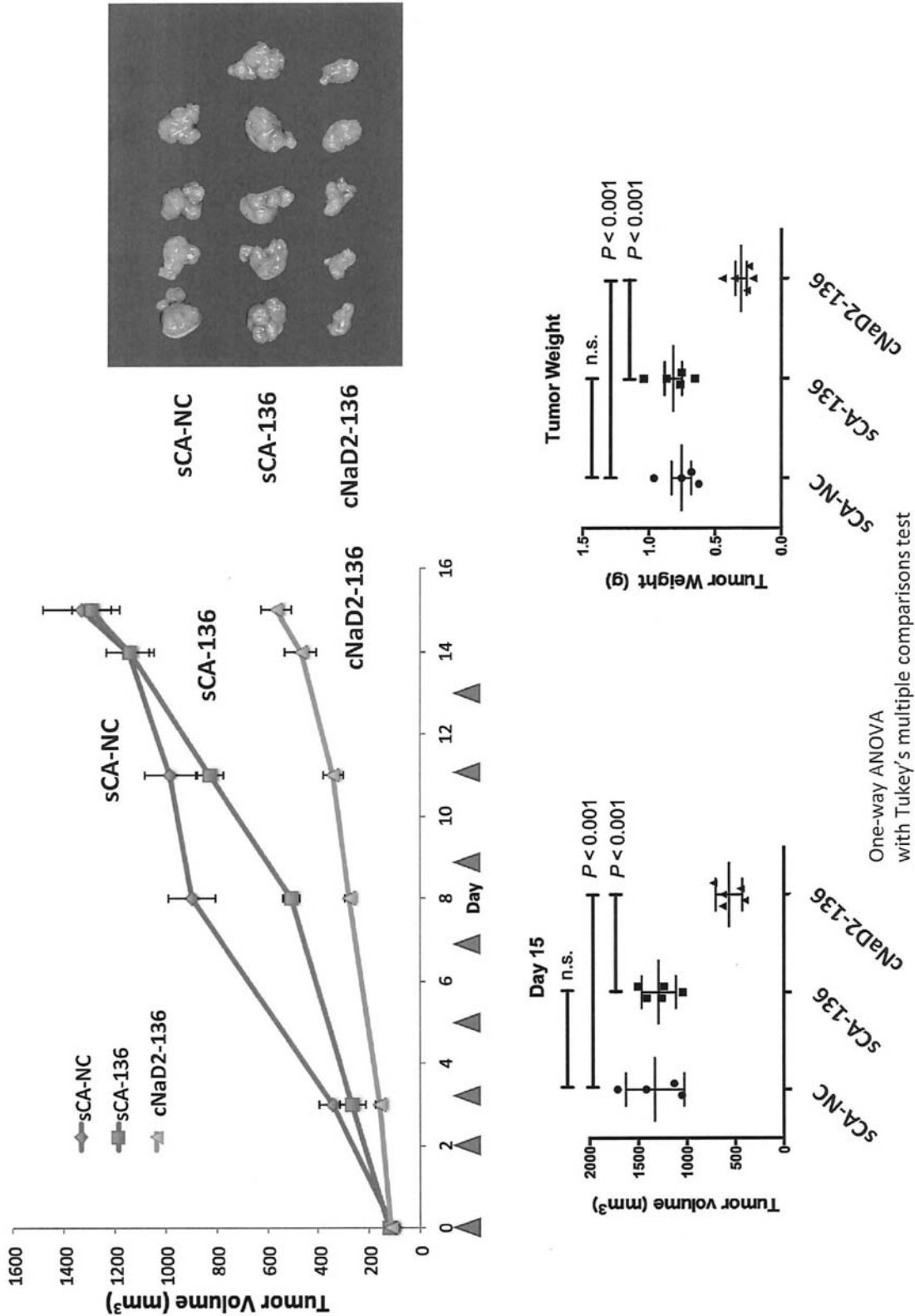
[Fig. 7]

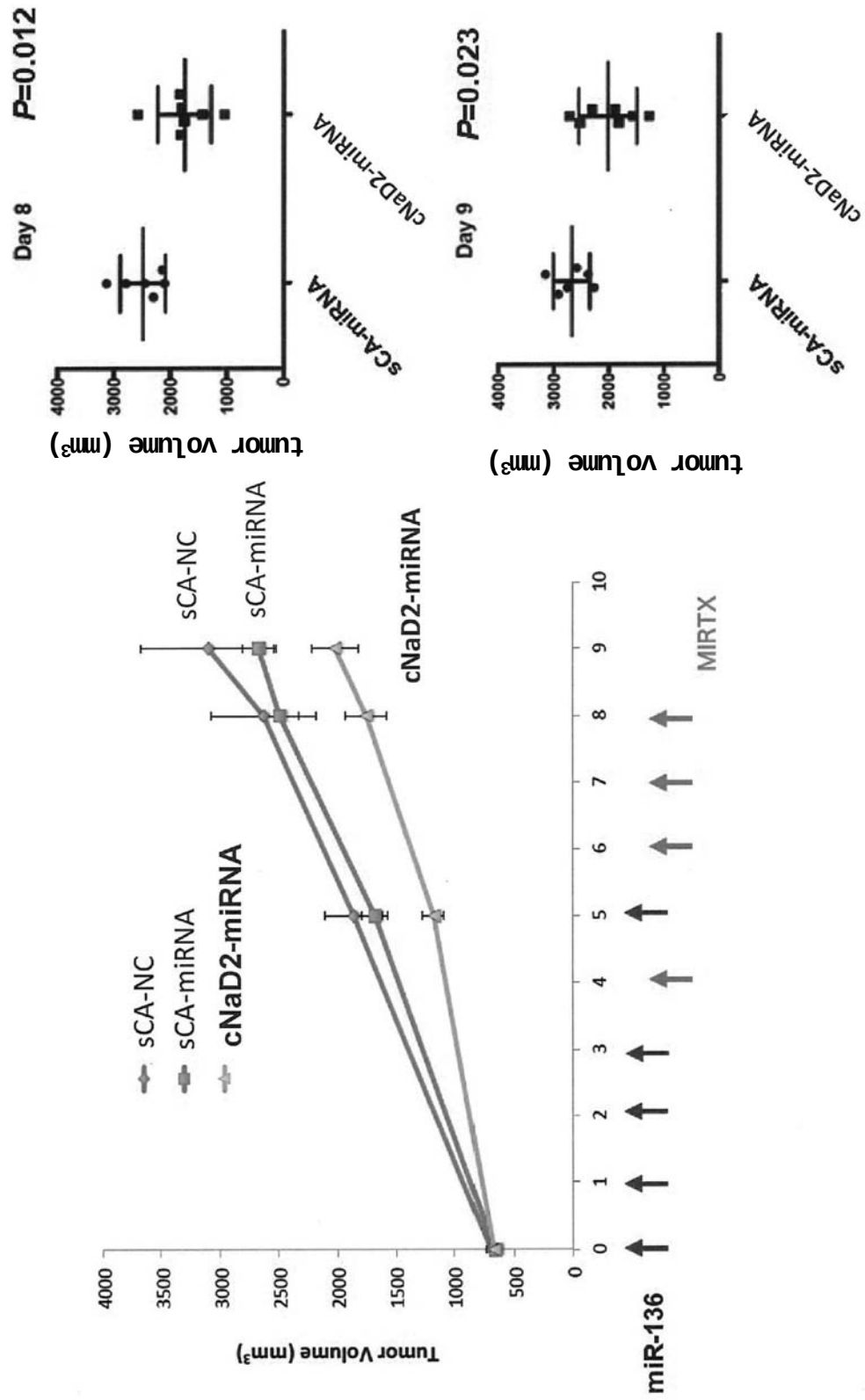


[Fig. 8]



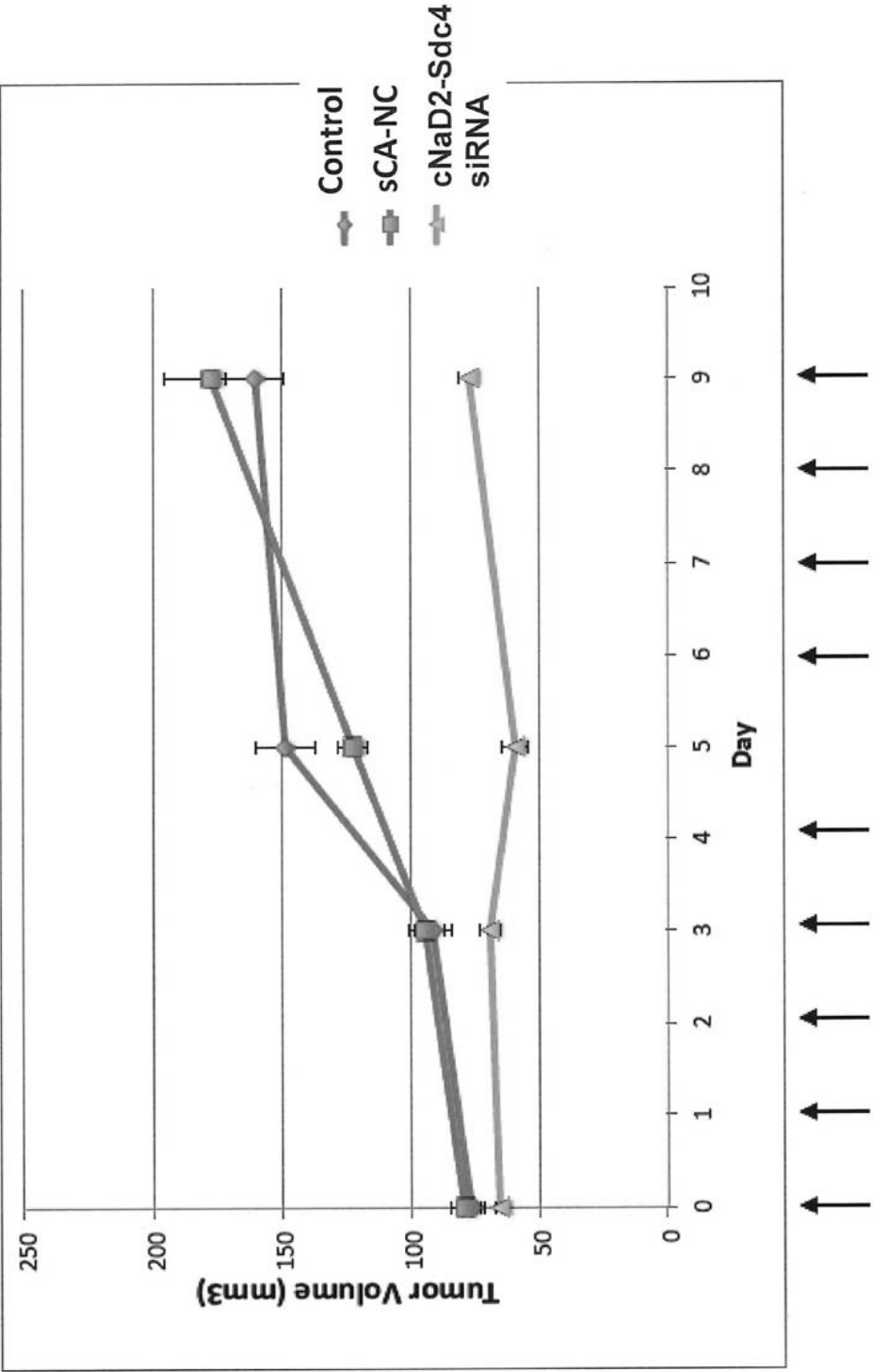
[Fig. 9]



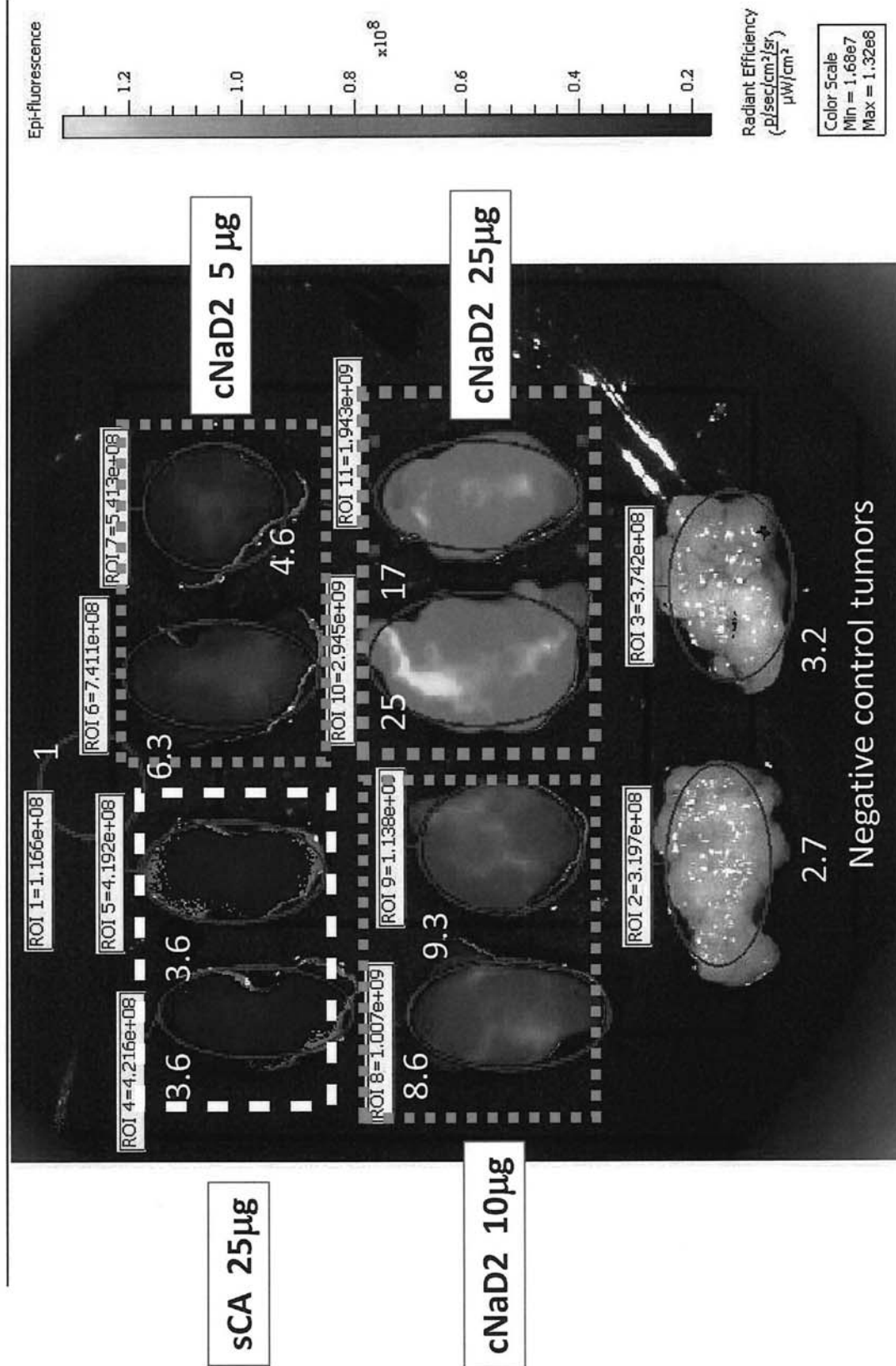


[Fig. 10]

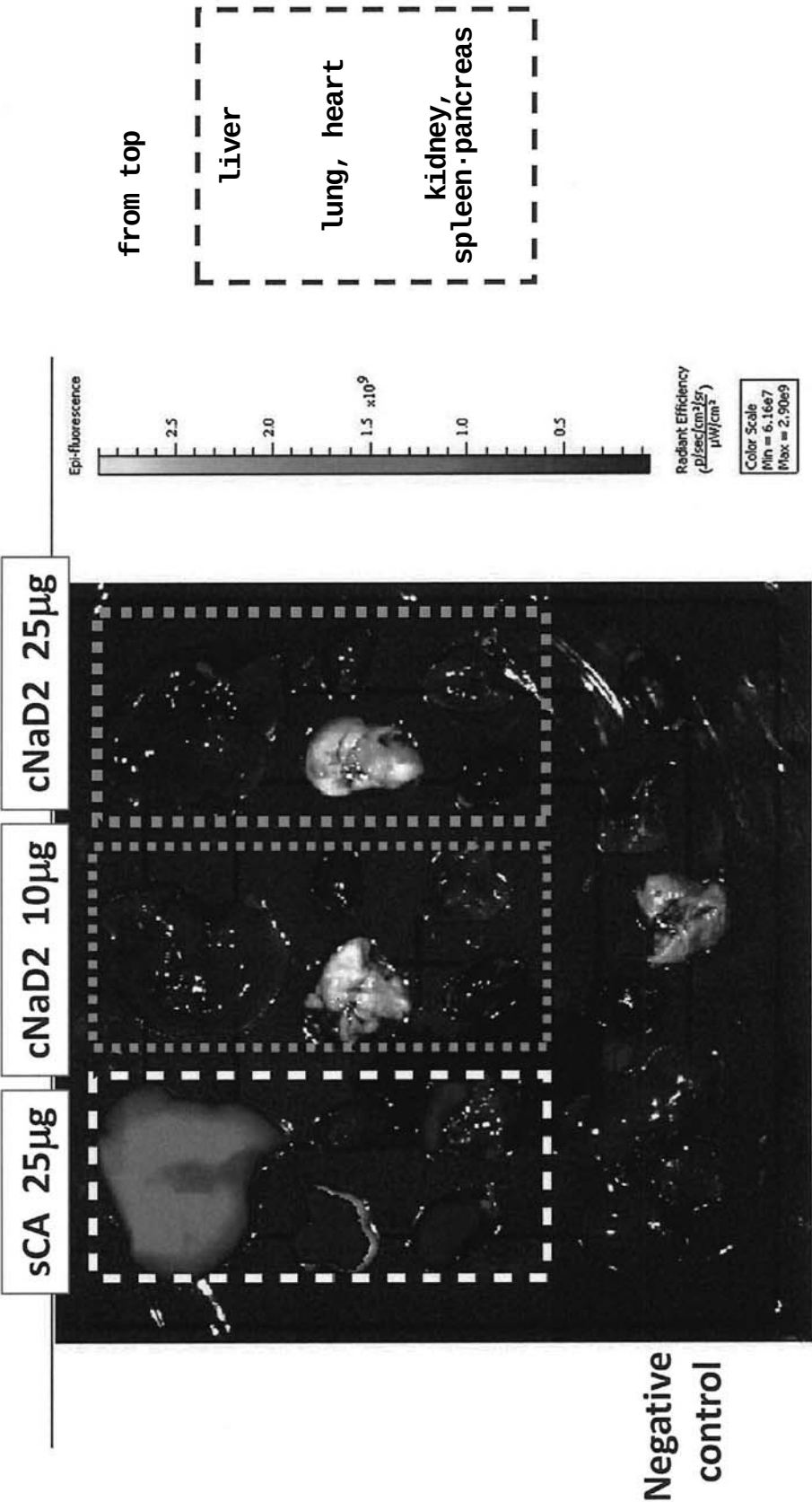
[Fig. 11]



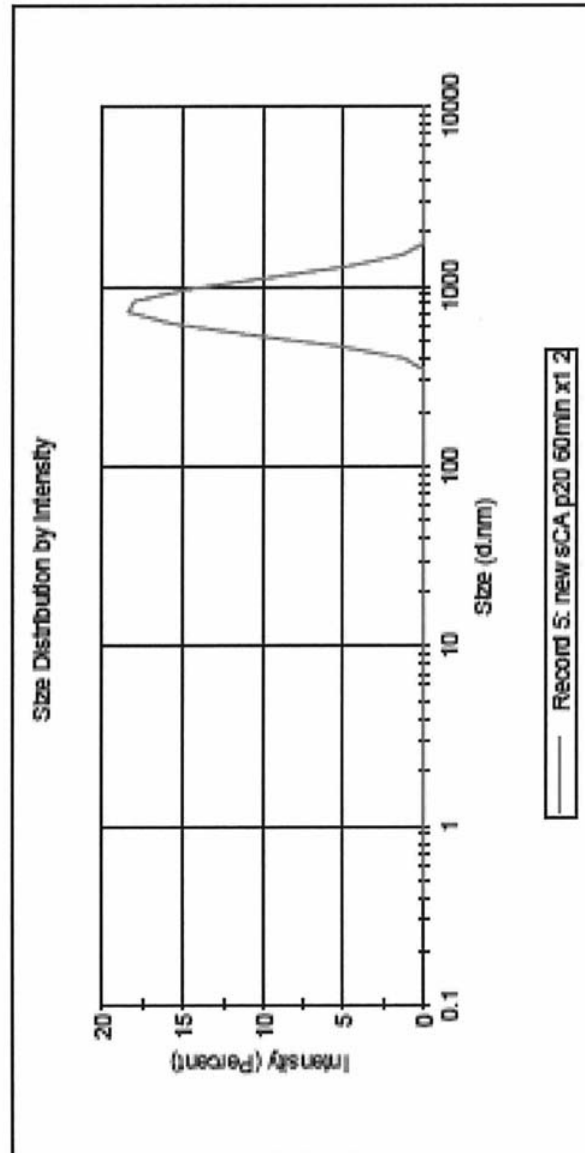
[Fig. 12-1]

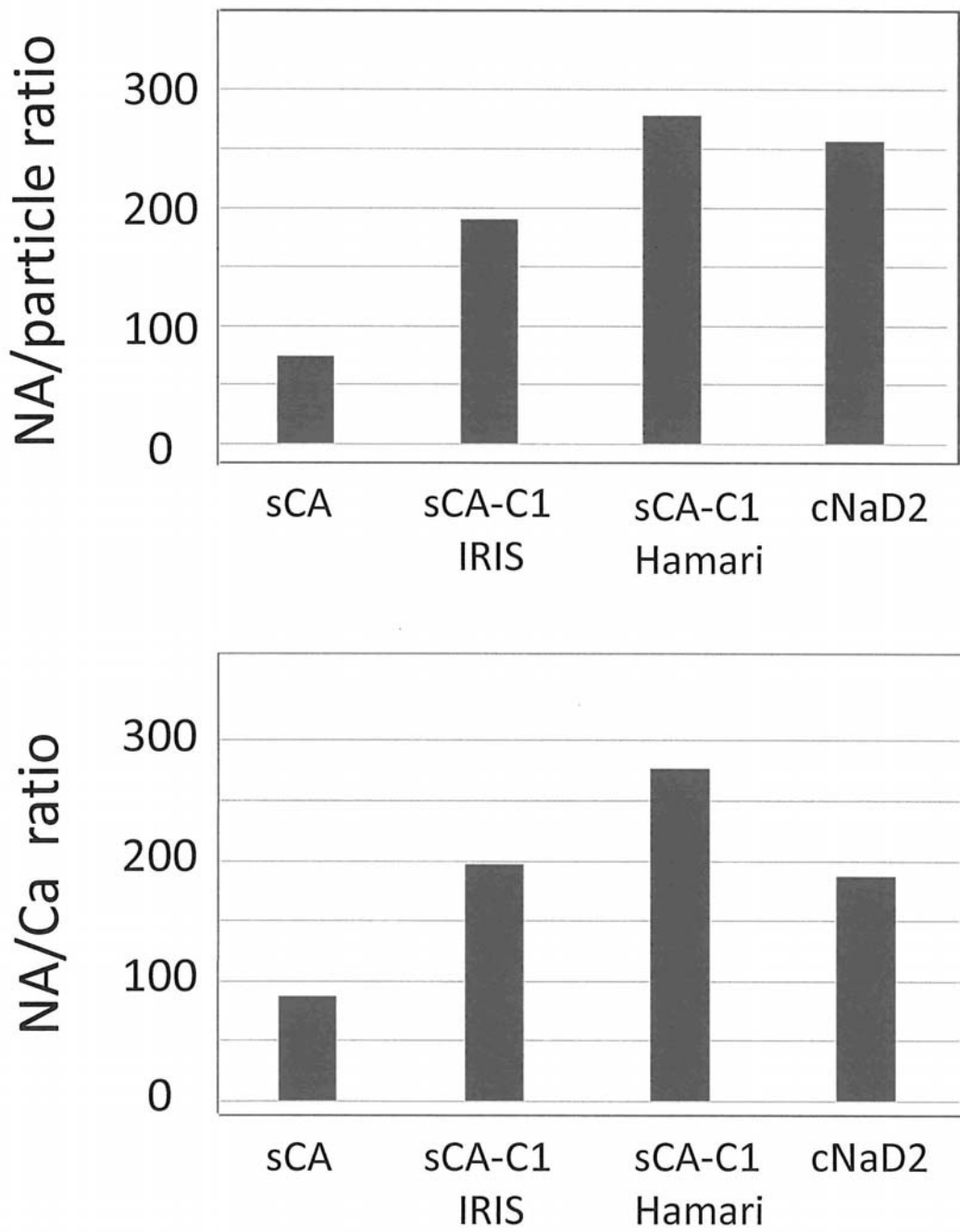


[Fig. 12-2]

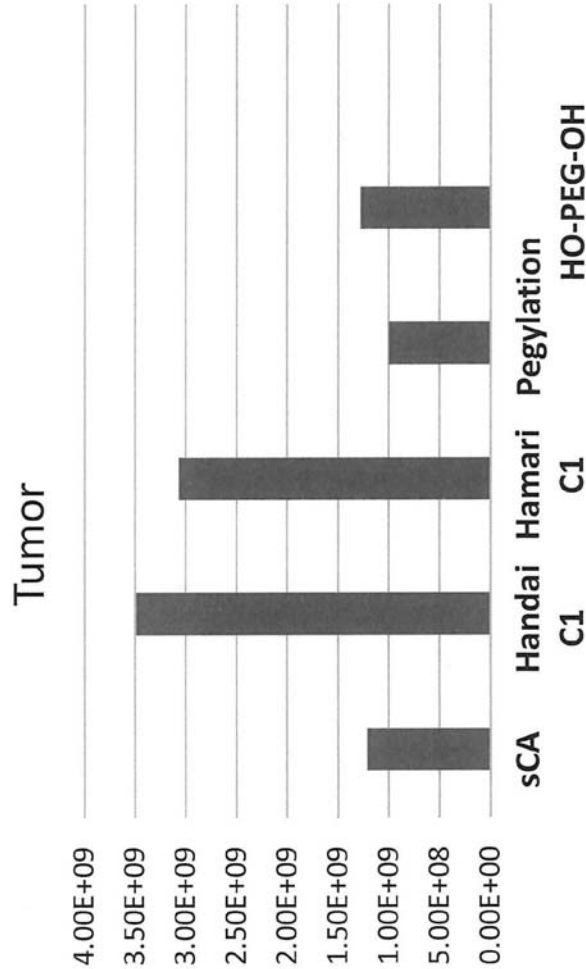
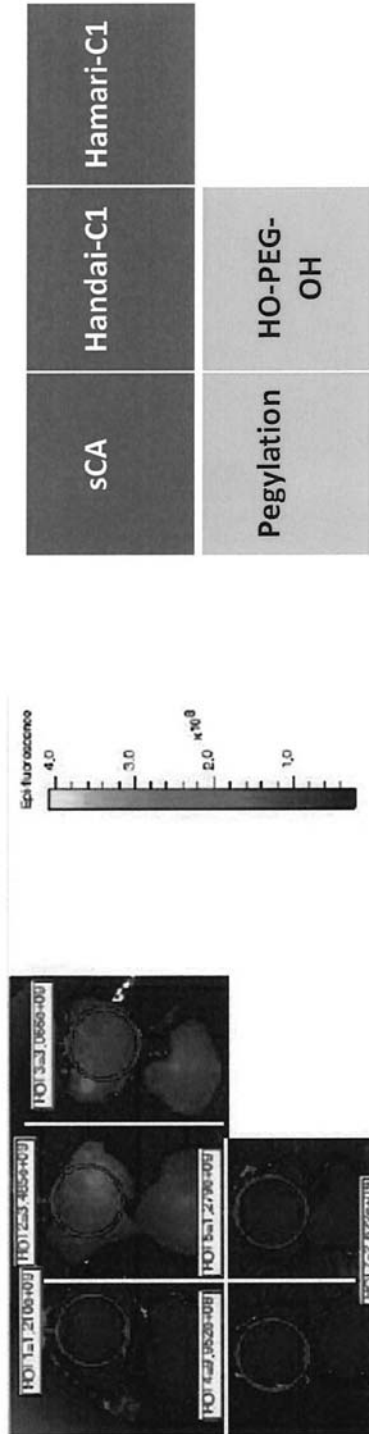


[Fig. 13]



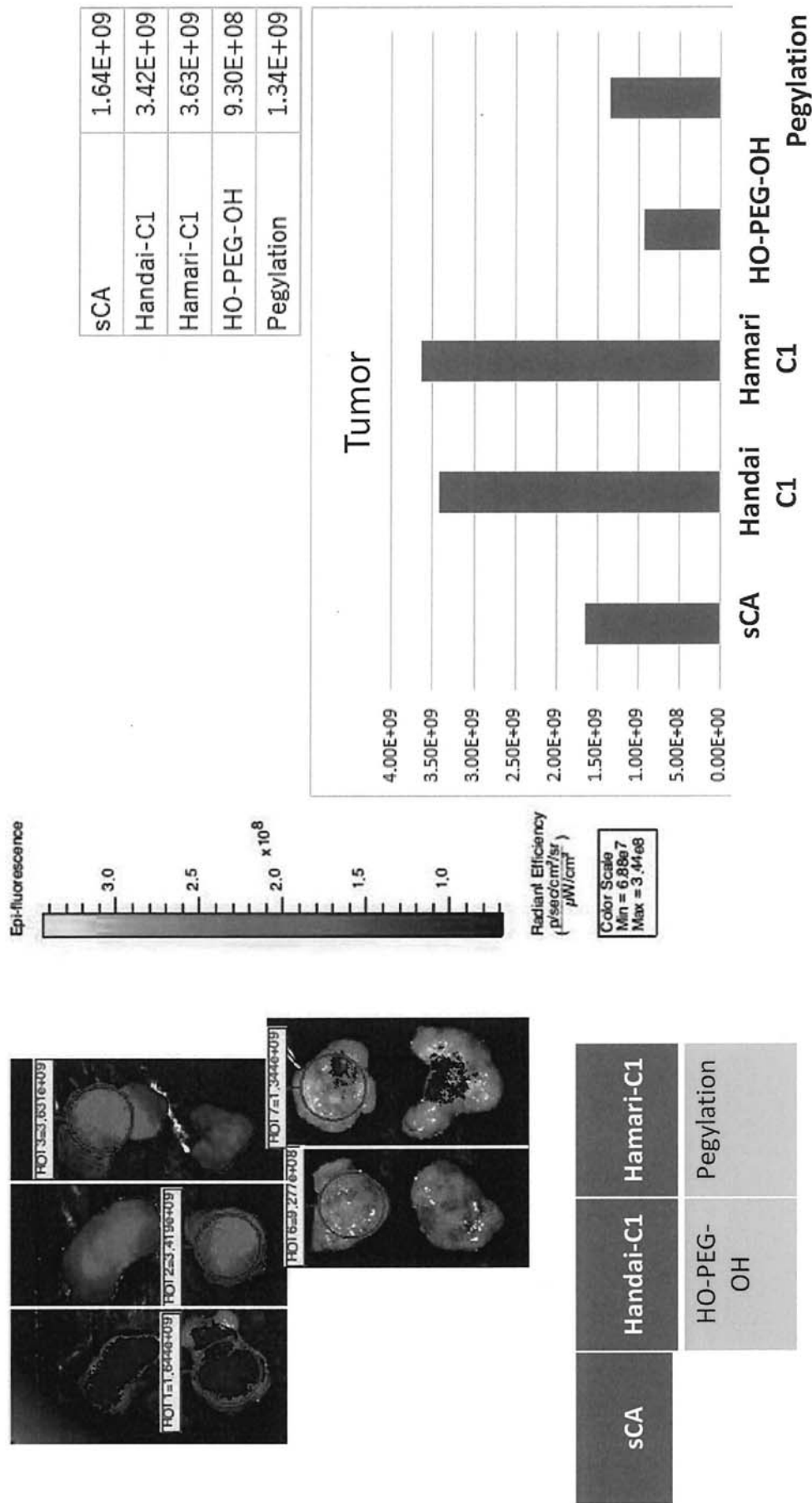


[Fig. 15-1]

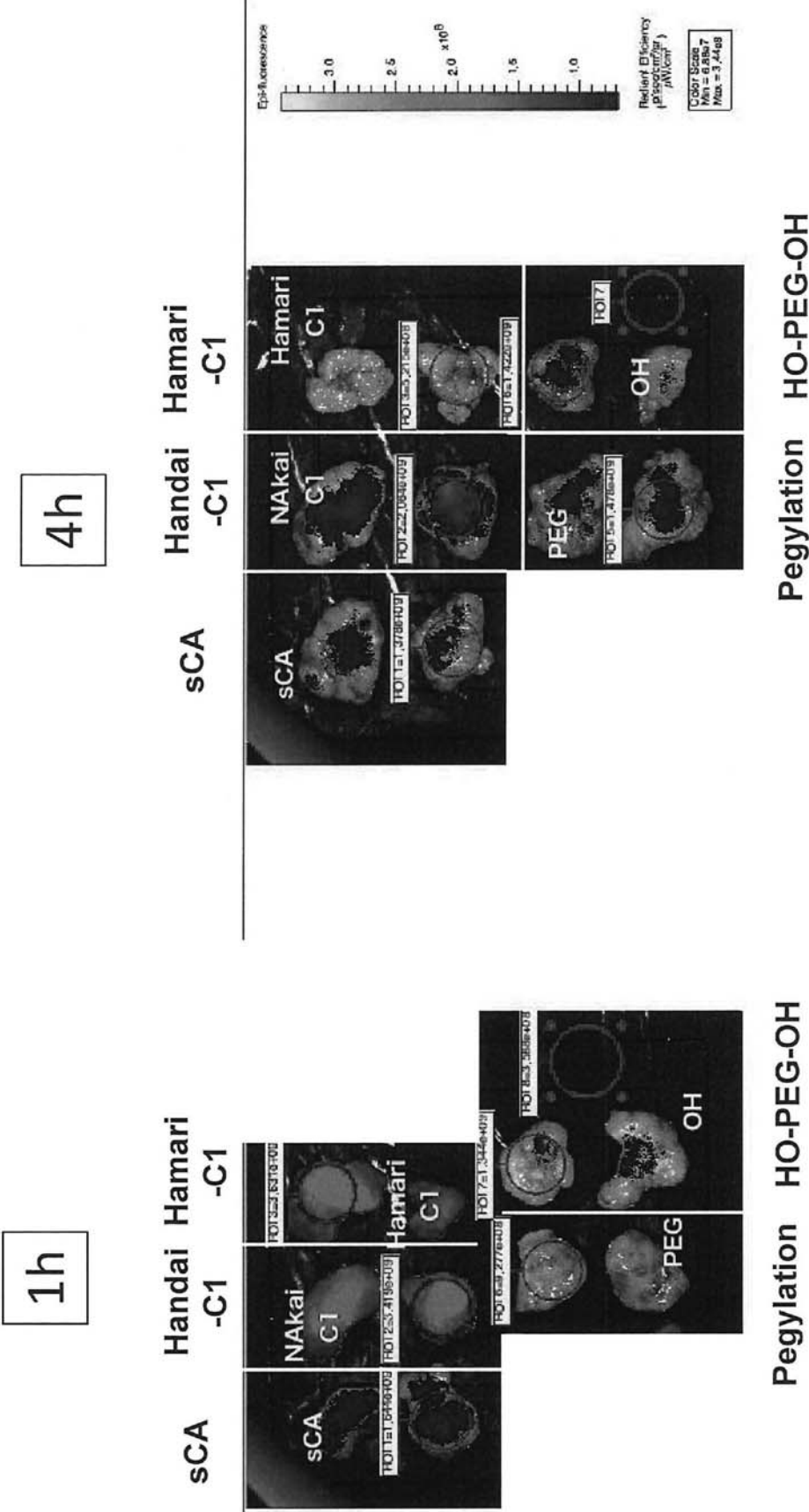




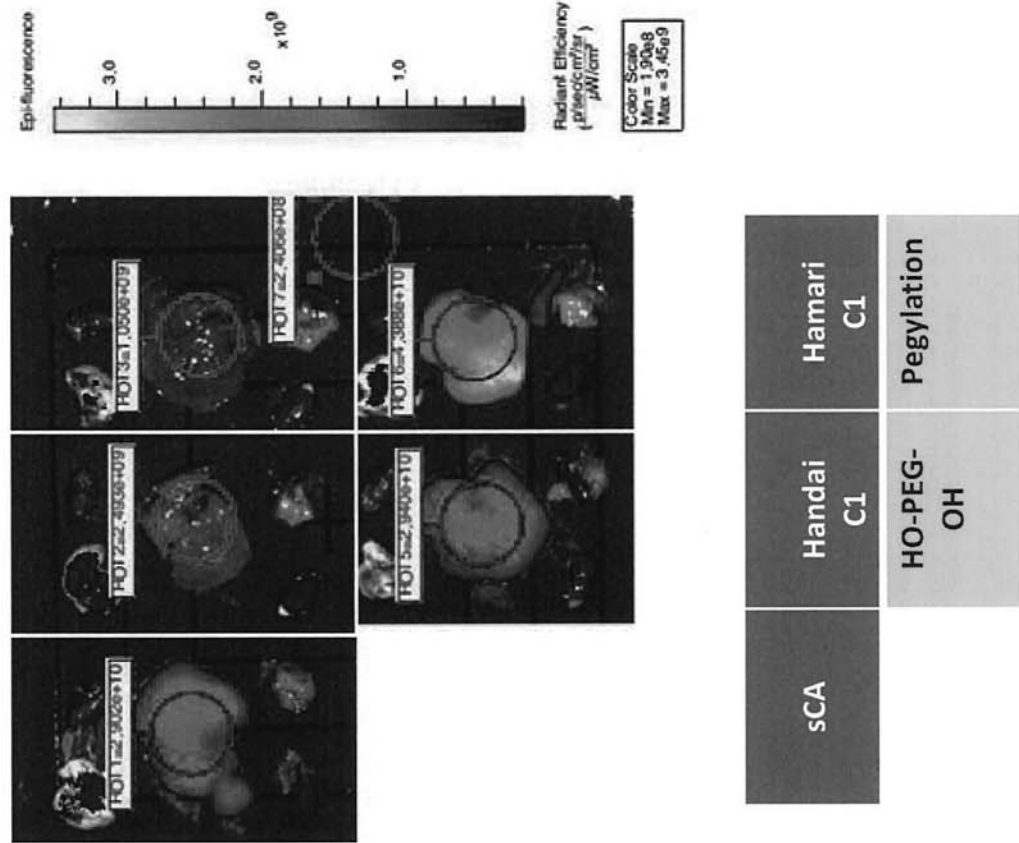
[Fig. 16-1]



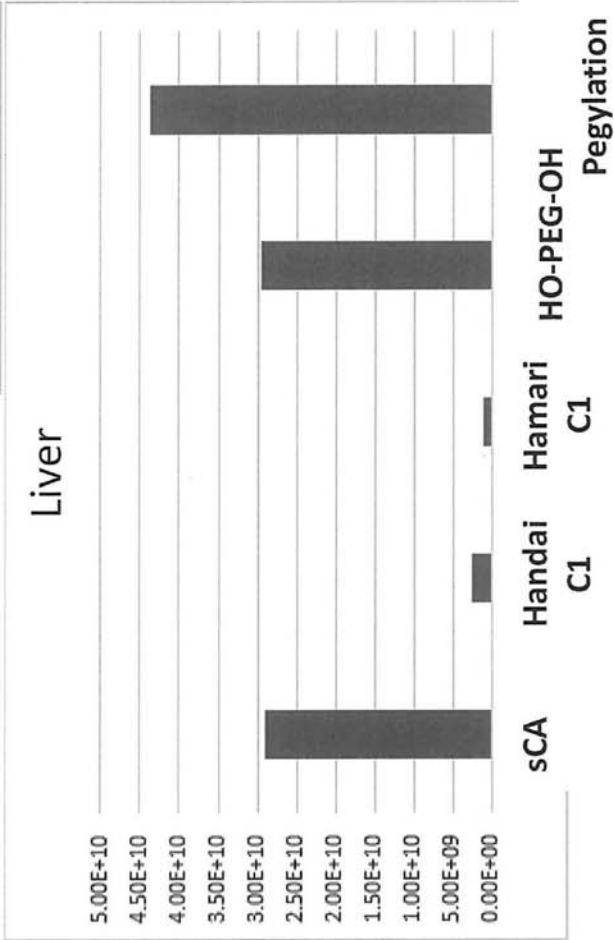
[Fig. 16-2]



[Fig. 16-3]



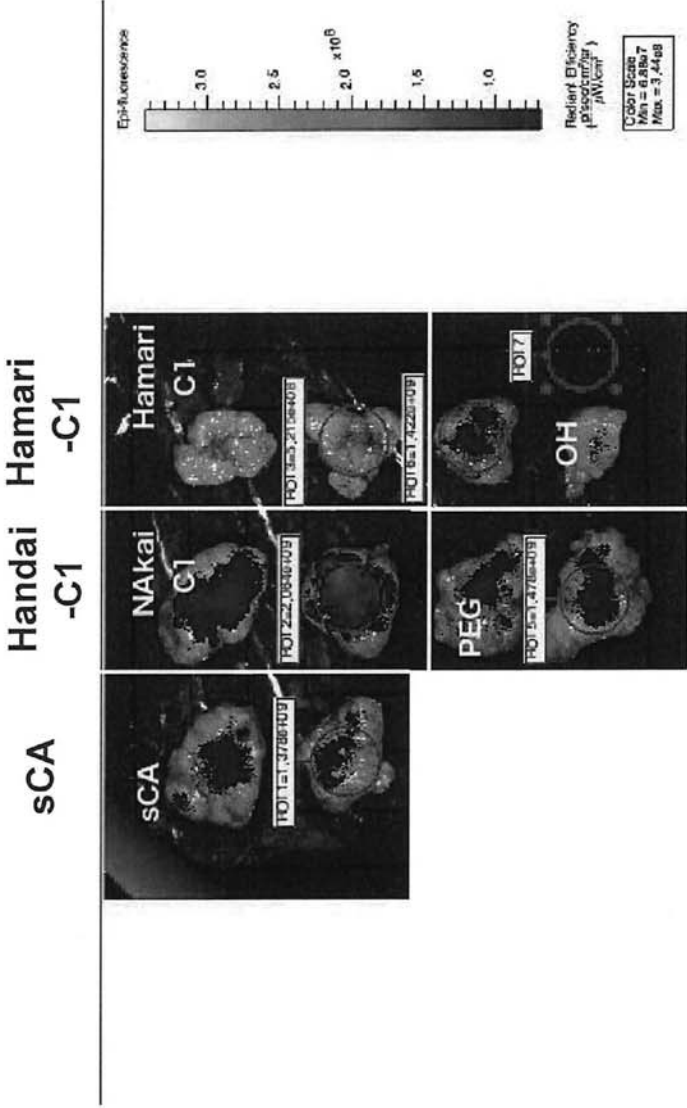
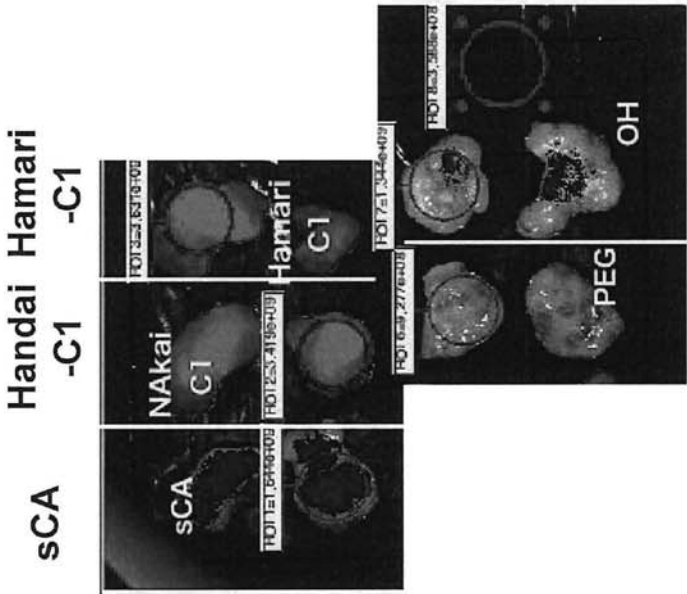
|            |          |
|------------|----------|
| sCA        | 2.90E+10 |
| Handai-C1  | 2.49E+09 |
| Hamari-C1  | 1.05E+09 |
| HO-PEG-OH  | 2.94E+10 |
| Pegylation | 4.38E+10 |



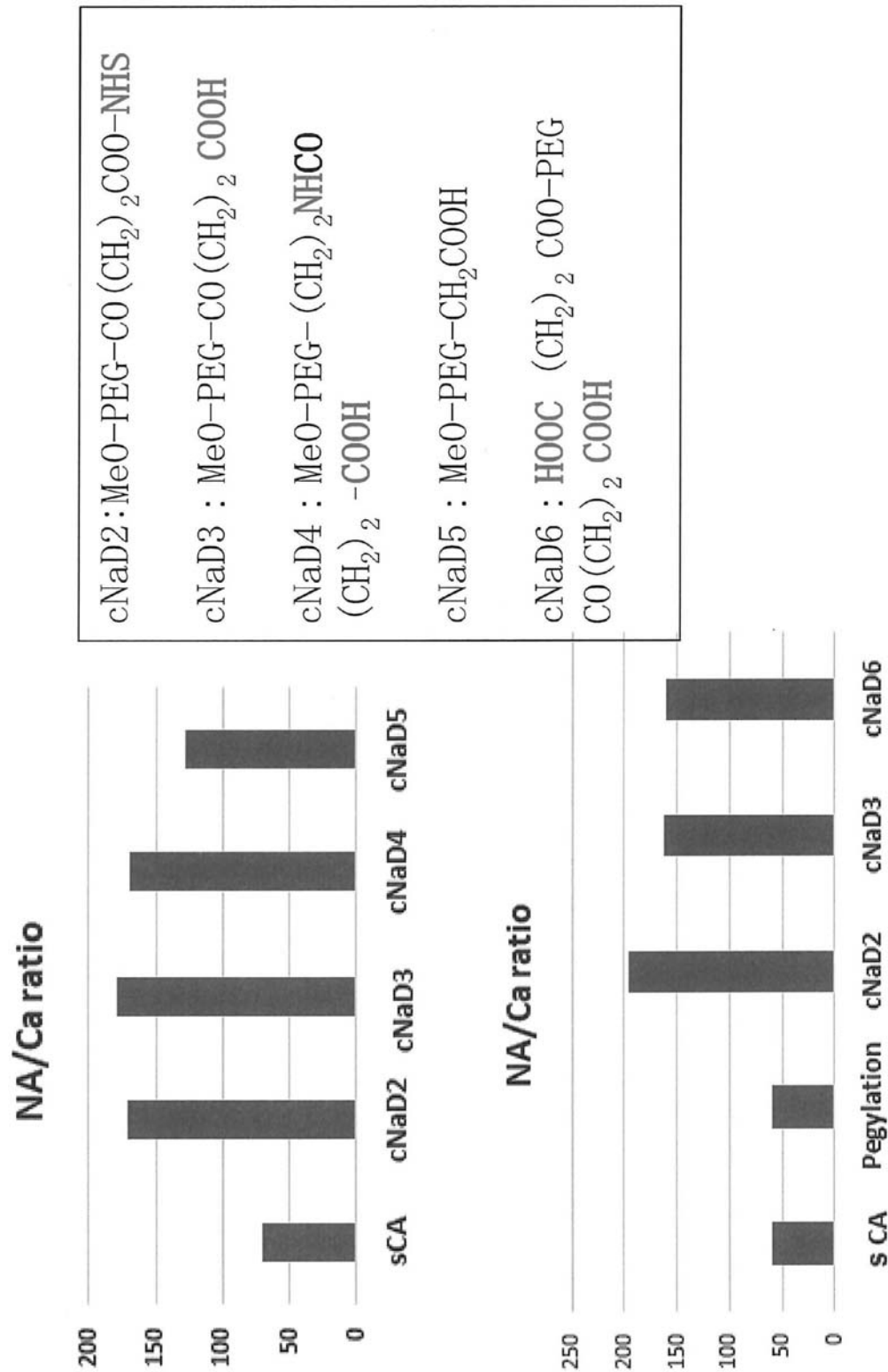
[Fig. 16-4]

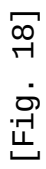
1h

4h

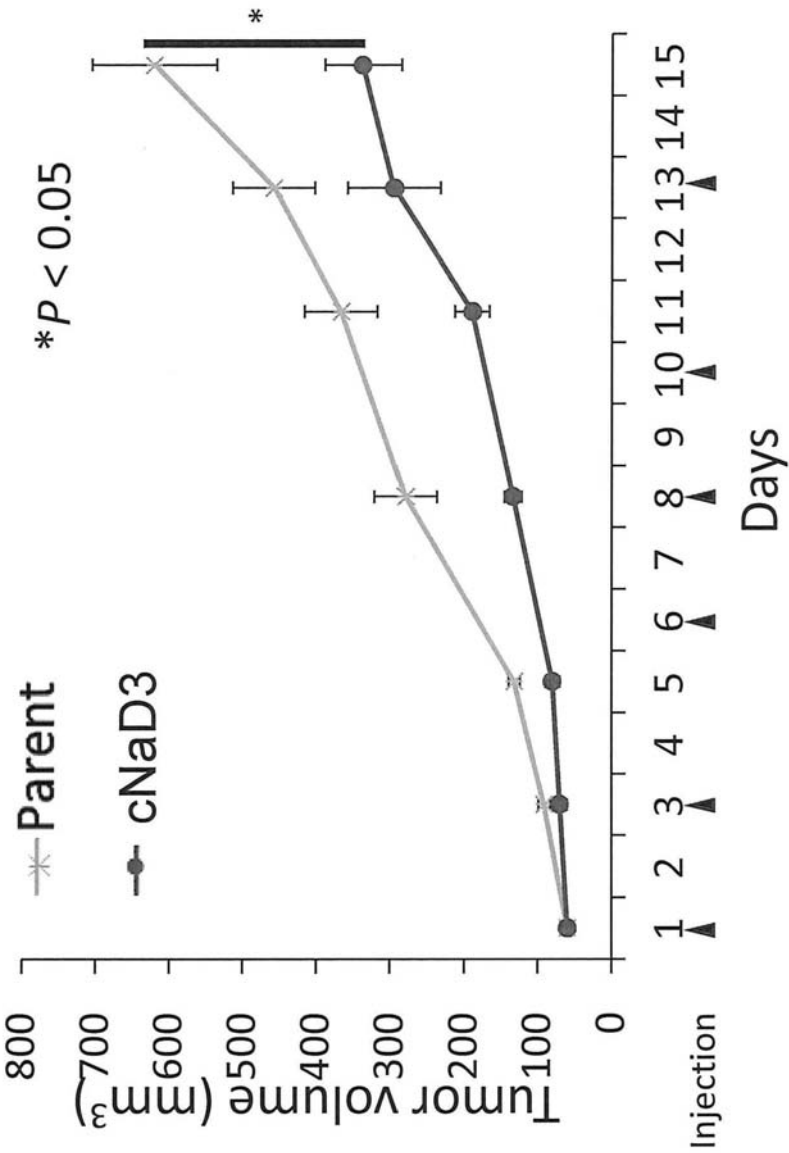


[Fig. 17]

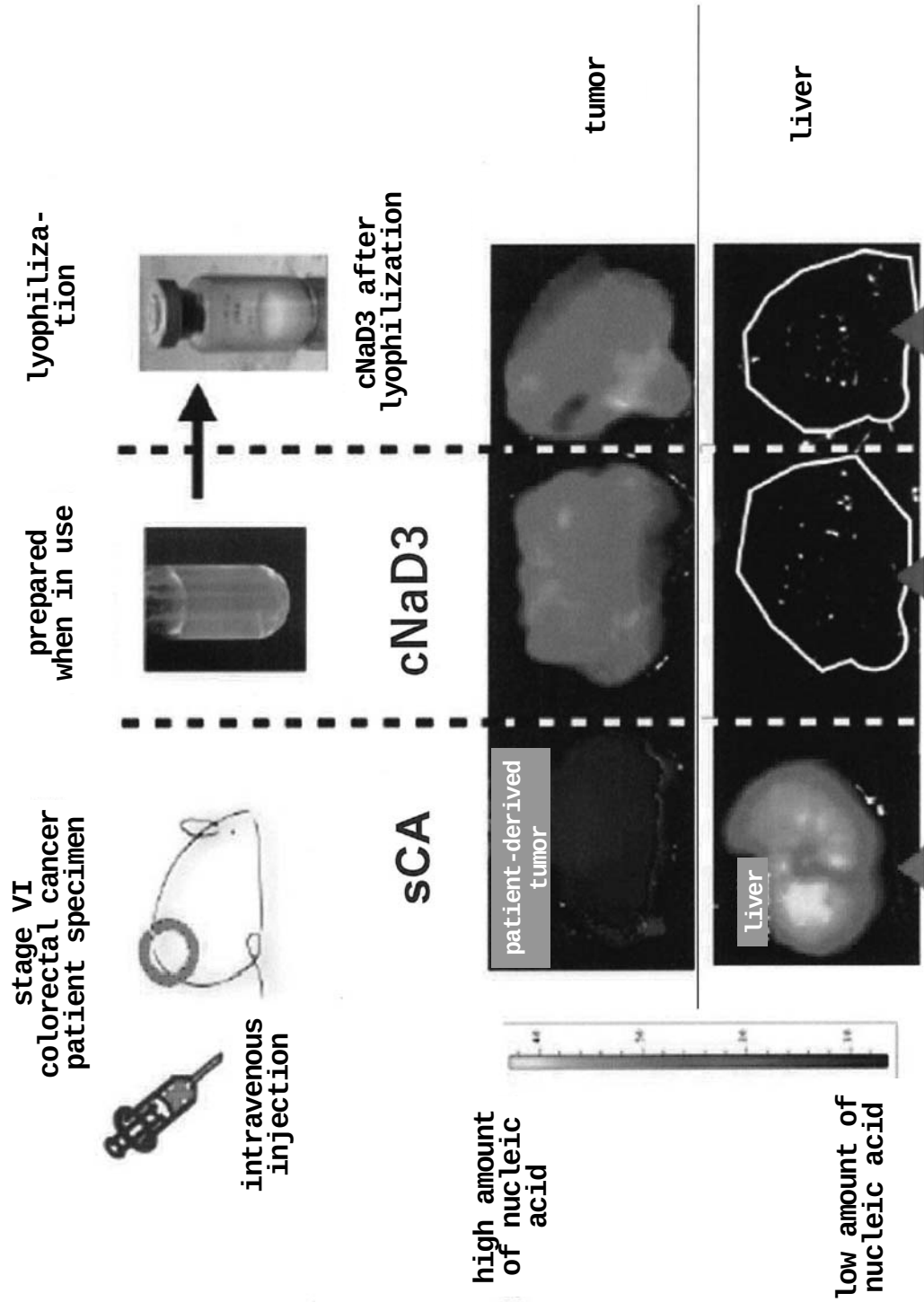


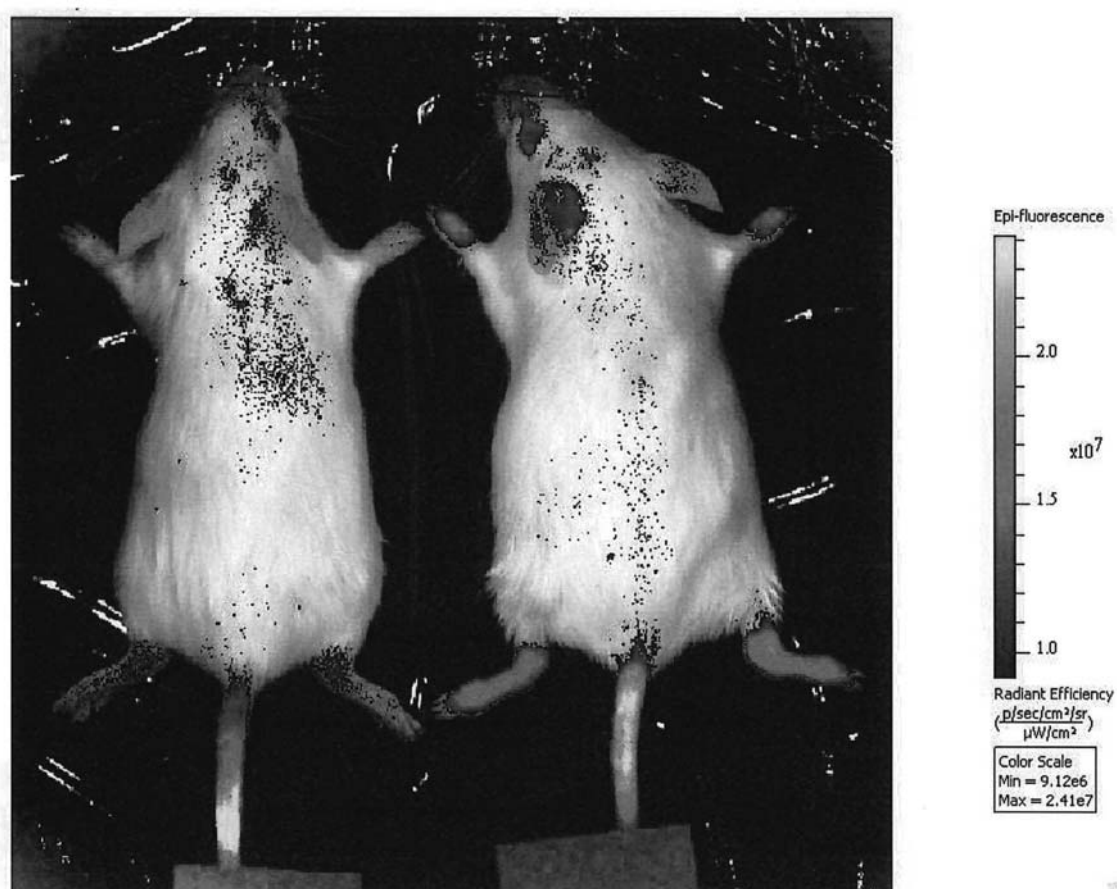


[Fig. 19]



[Fig. 20]

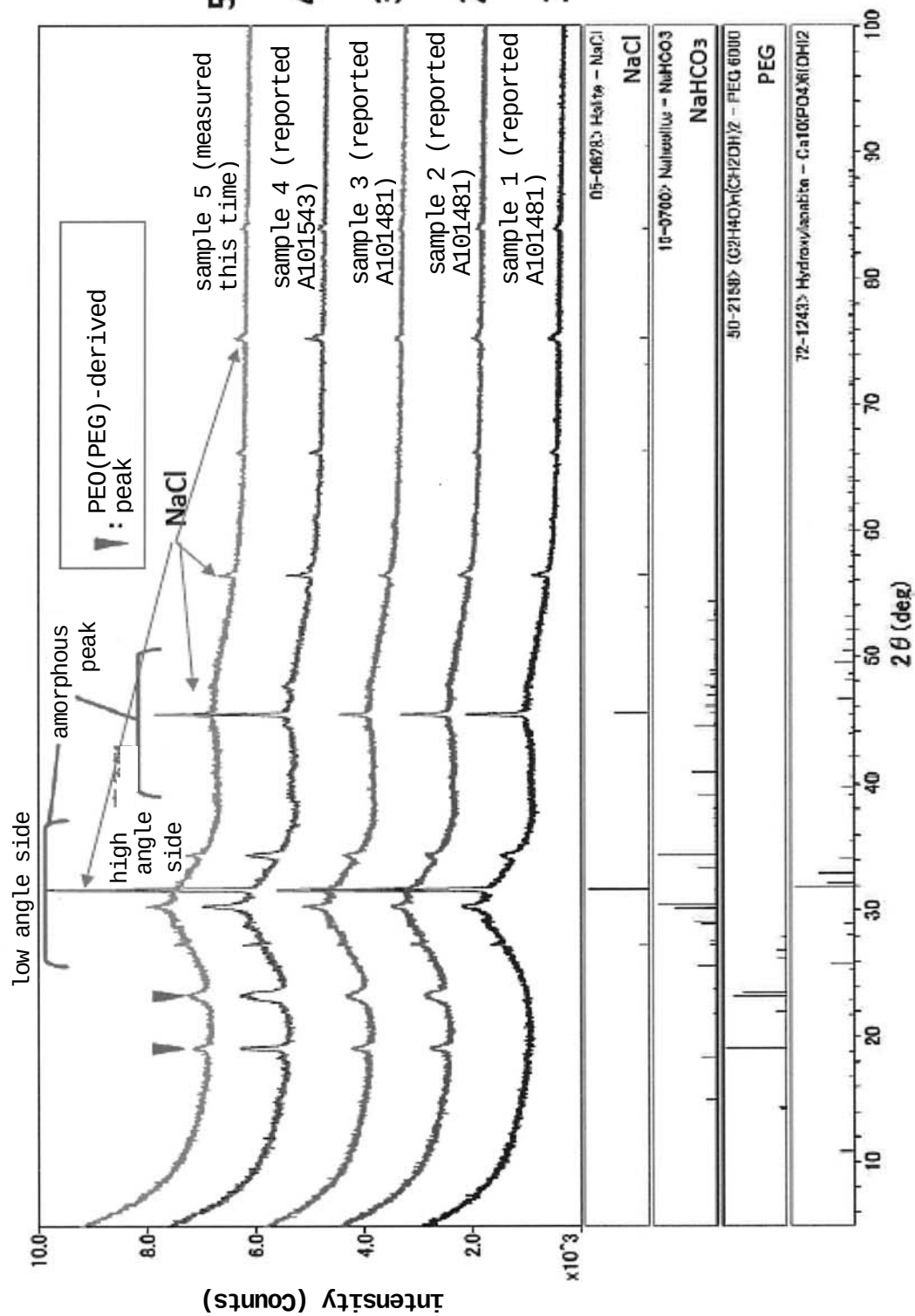




[Fig. 21-2]



[Fig. 22]



5. sCA-C2-Handai

4. sCA-SIGMA (-OH)

3. sCA-C1-HAMARI

2. cNaD2

1. sCA