

图4-5

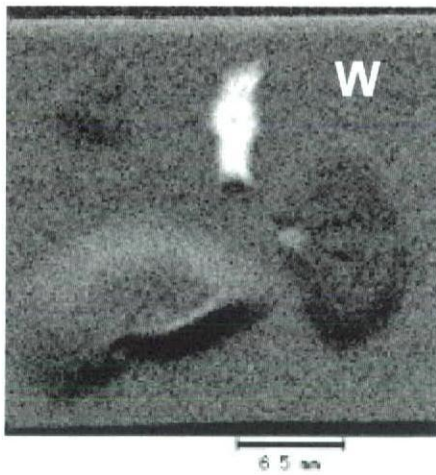


図4-6A

元素分析スペクトル
(多点解析による)

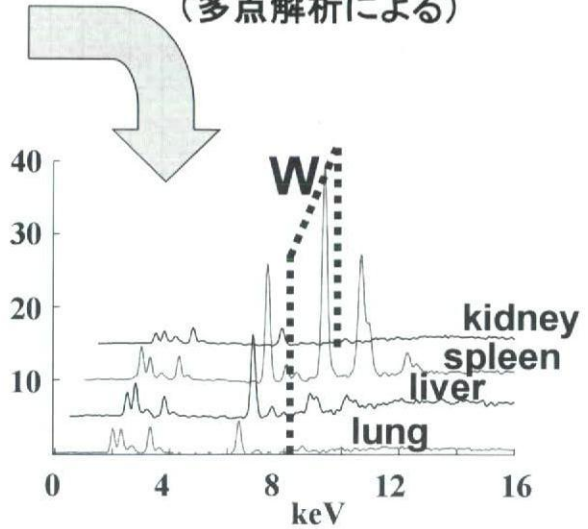


図4-6B

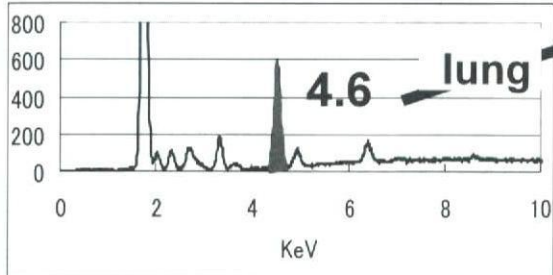
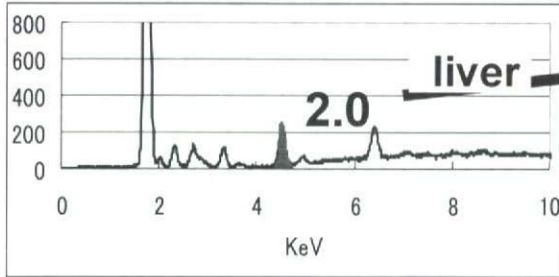
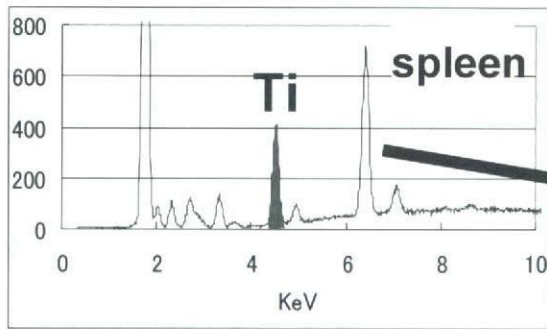


図4-6C

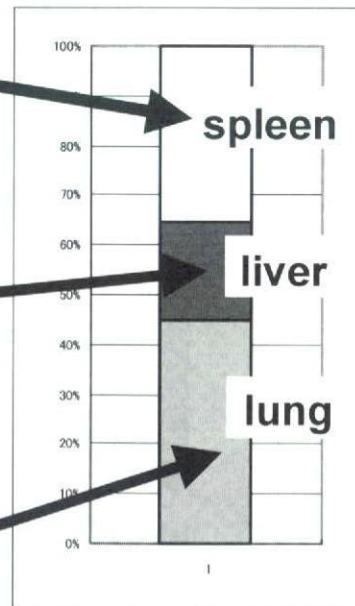
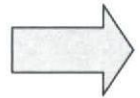


図4-6D



経時変化
を観測

図4-6

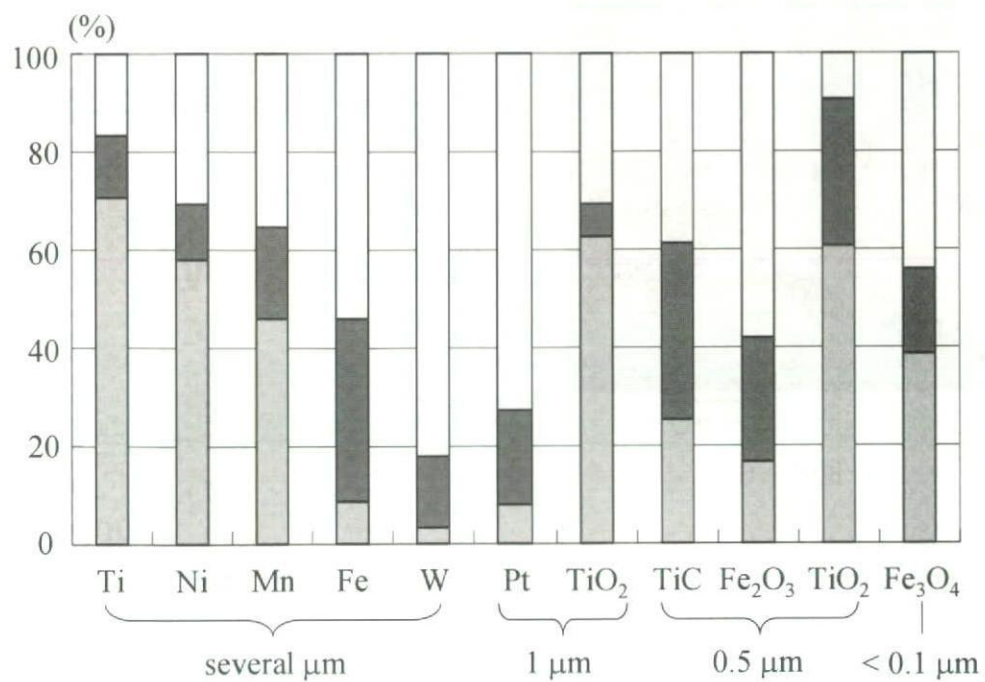


图 4-7

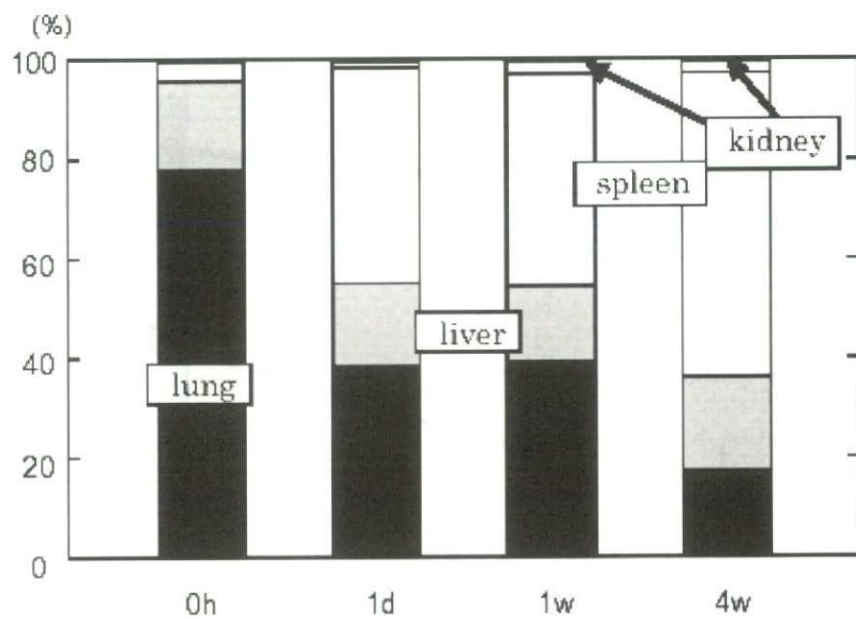
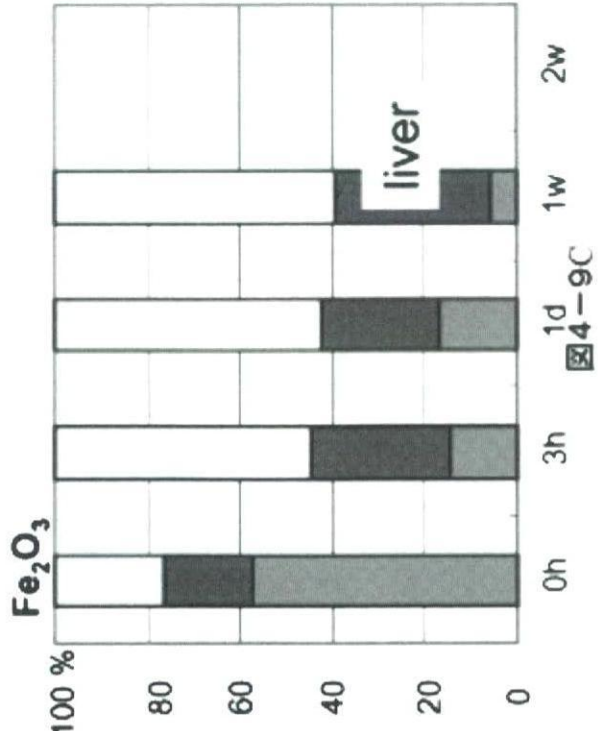
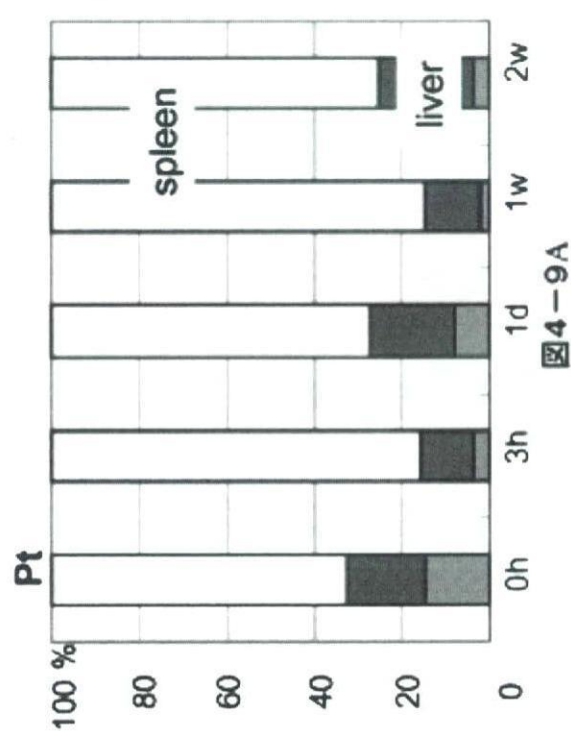
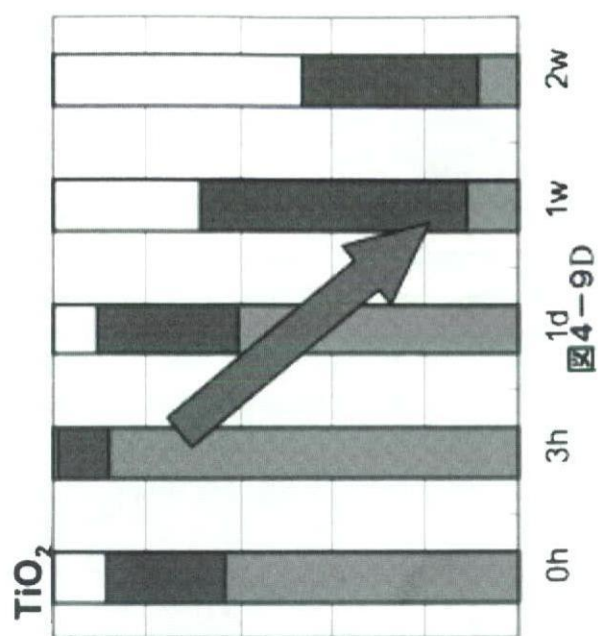
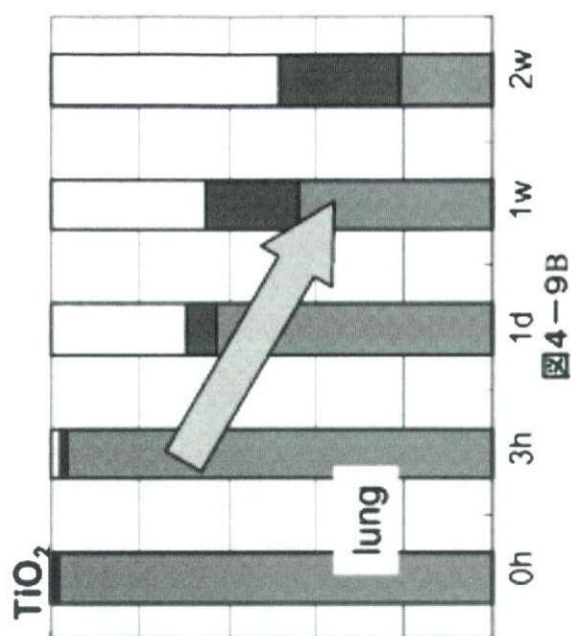


图 4-8



粒子径
1 μm

粒子径
0.5 μm

图 4-9

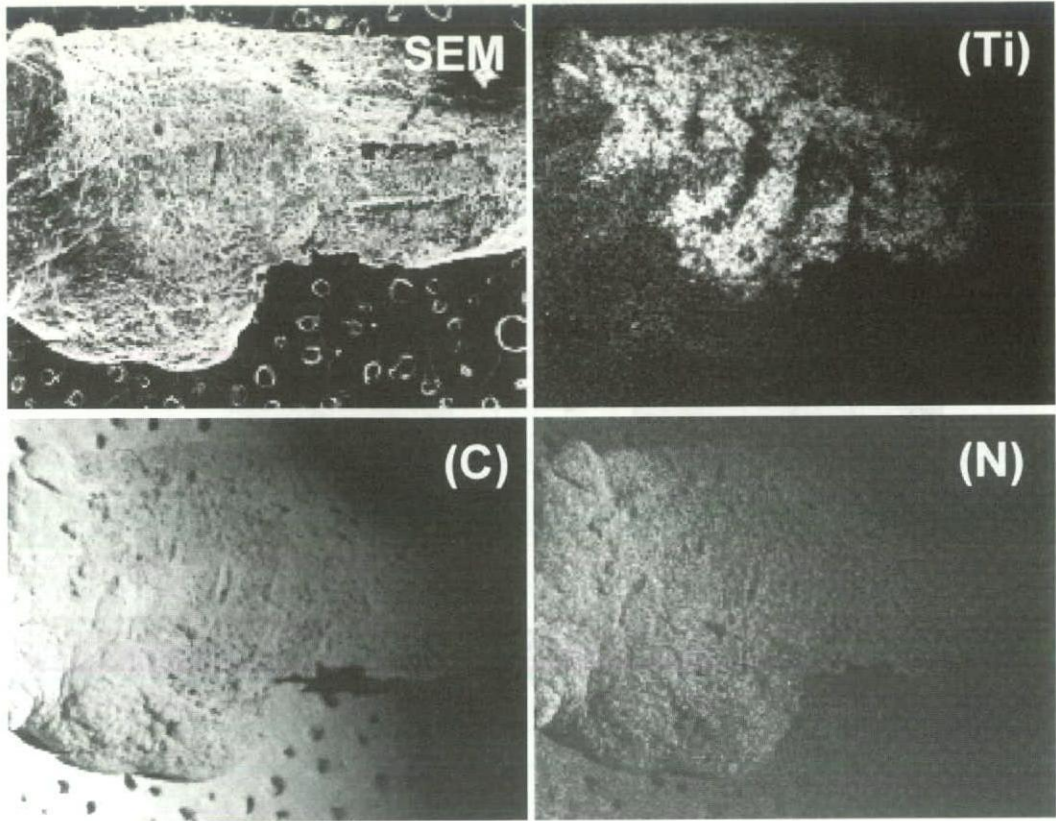


图 4-10

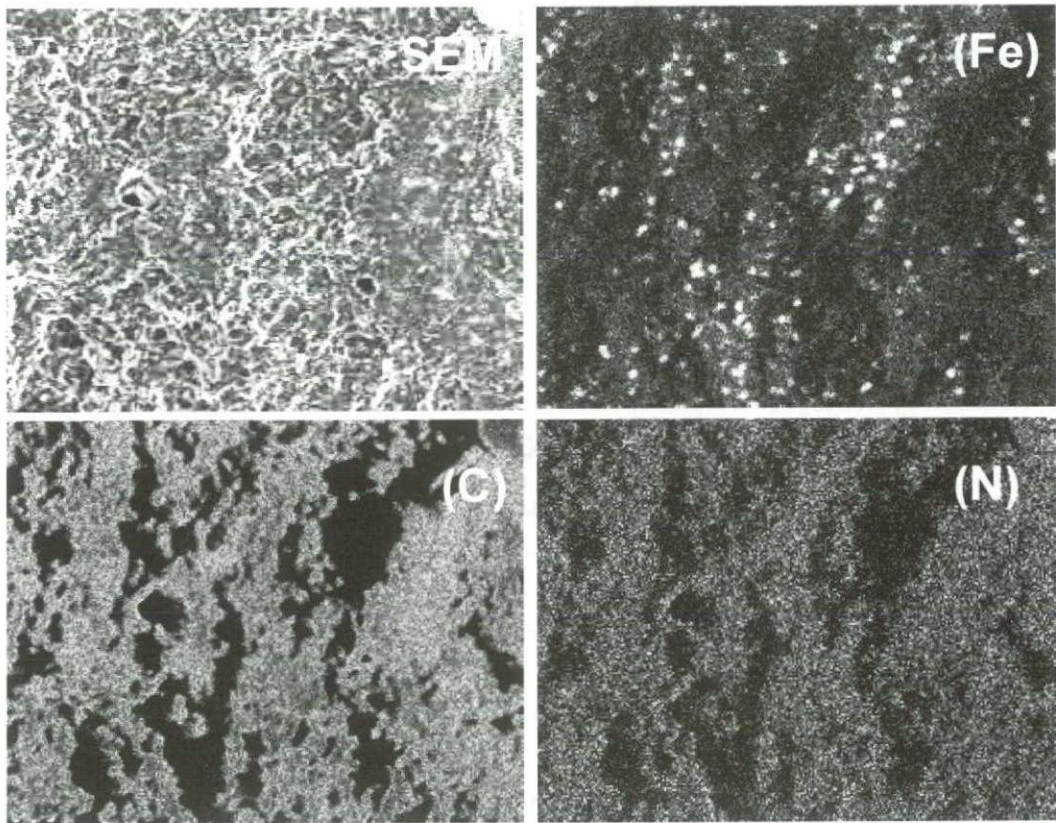
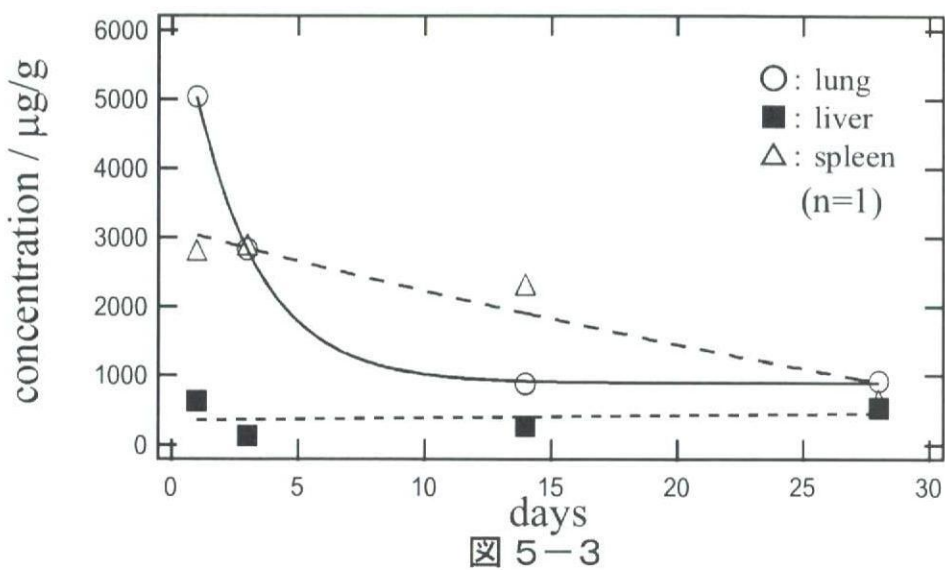
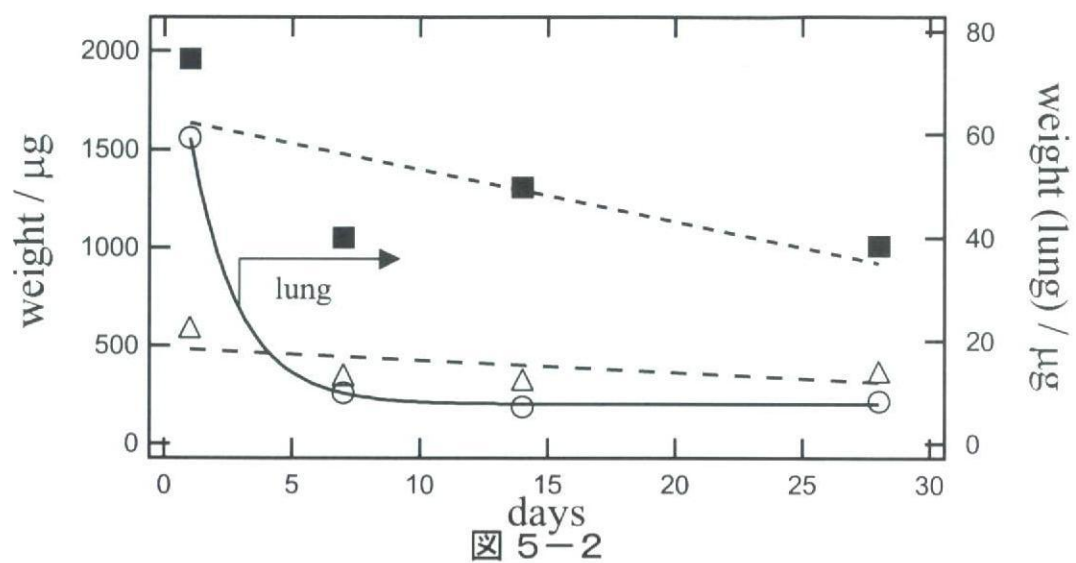
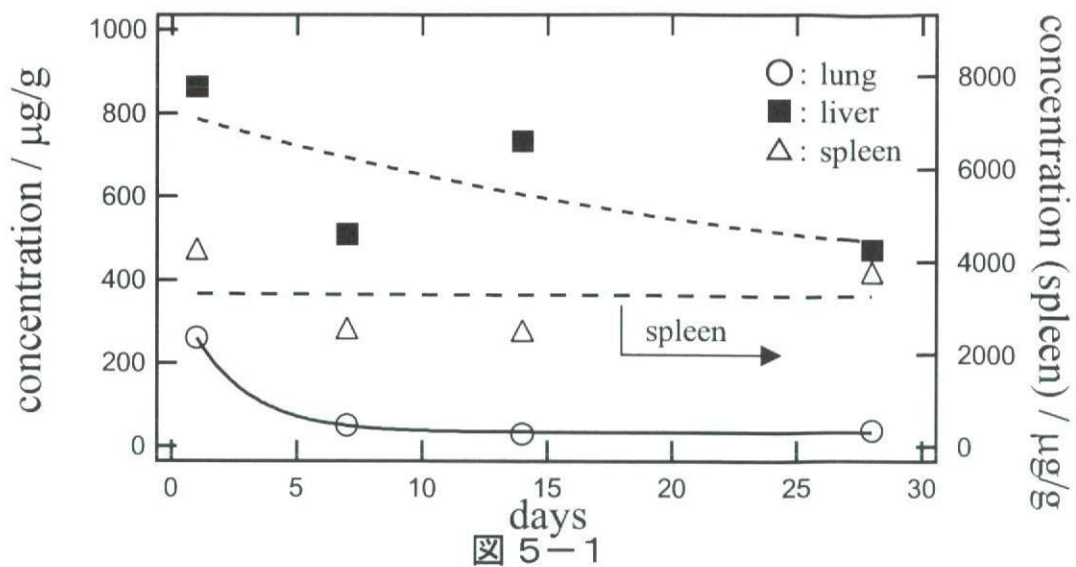
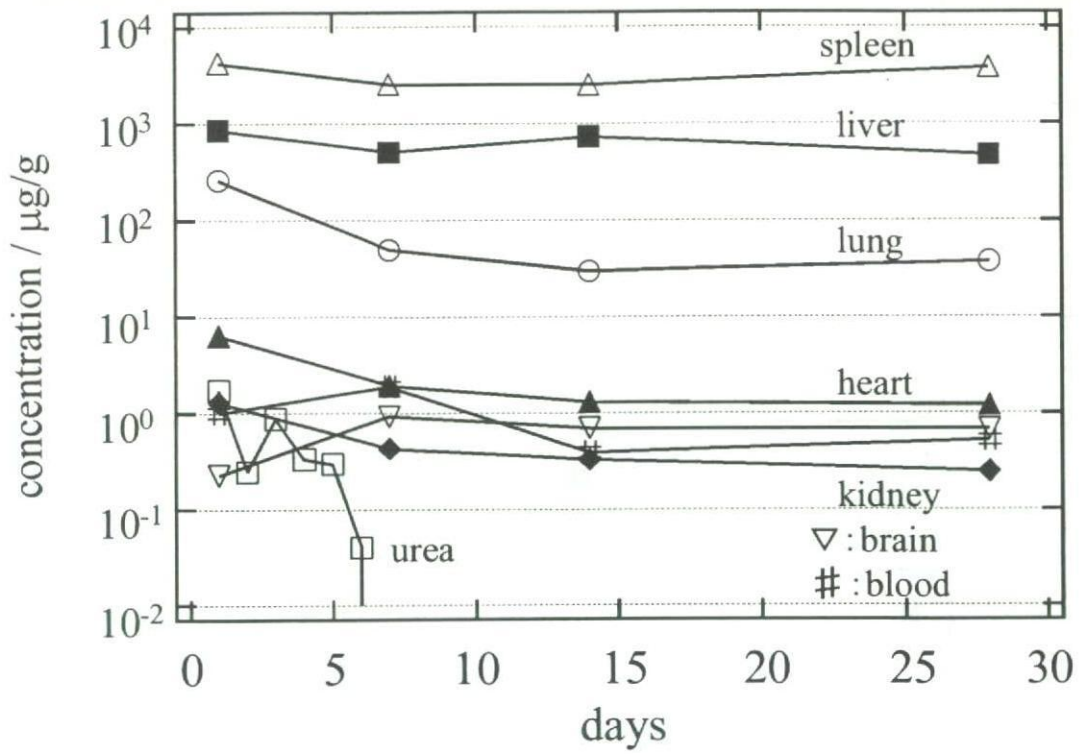
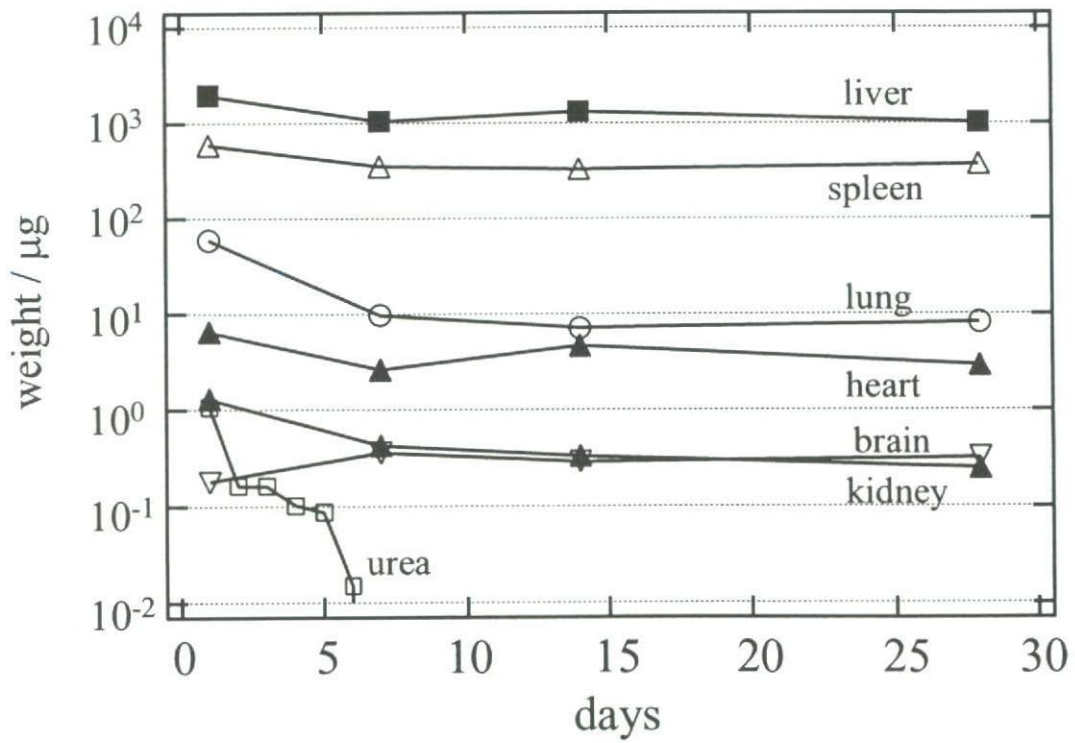


图 4-11

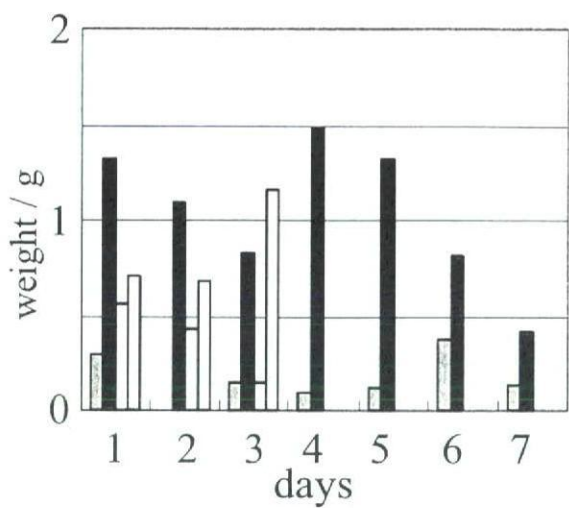




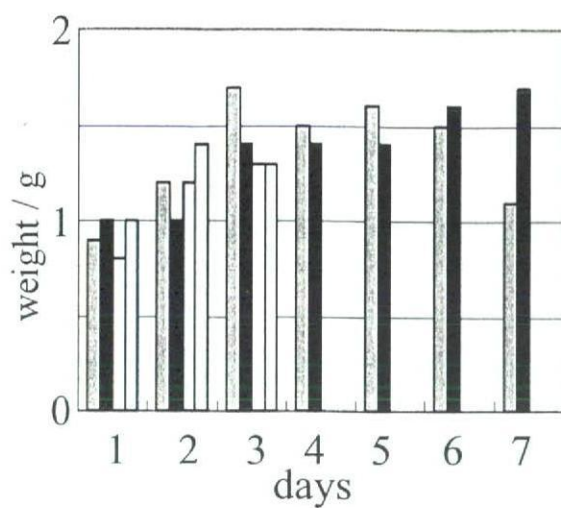
☒ 5-4



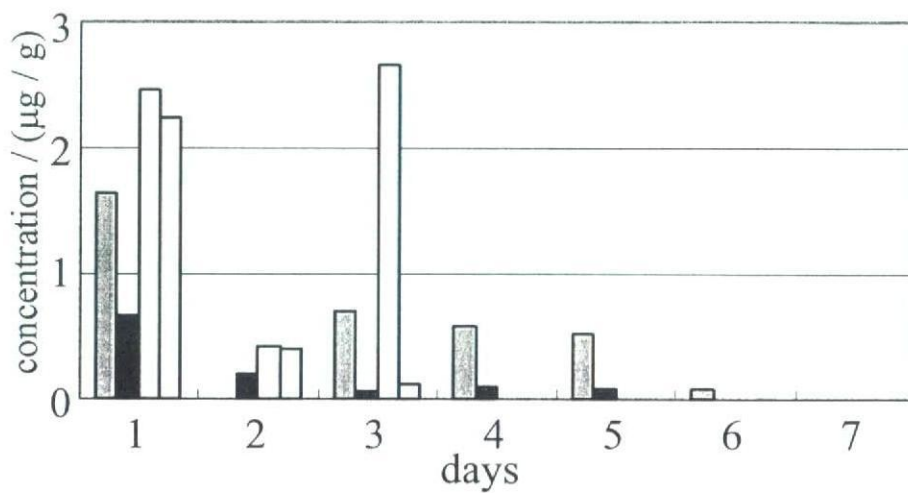
☒ 5-5



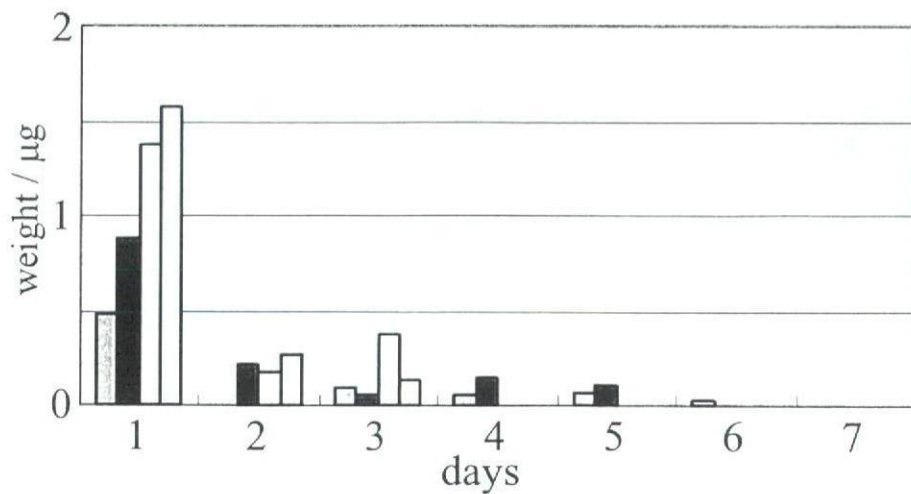
☒ 5-6



☒ 5-7



☒ 5-8



☒ 5-9

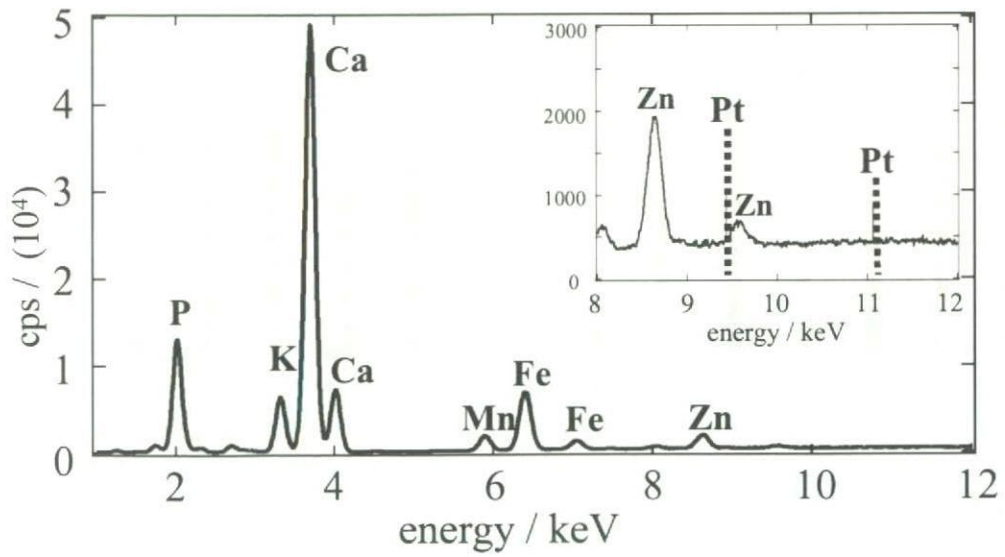


图 5-10

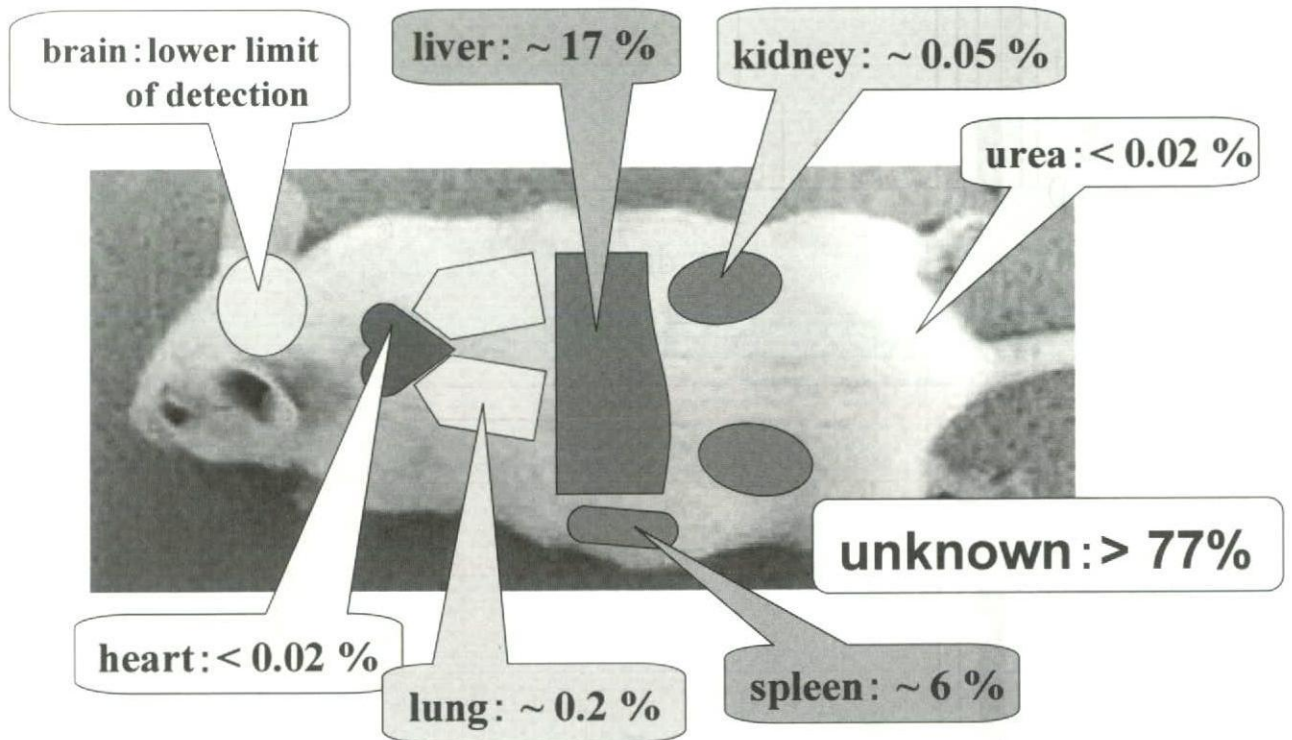


图 5-11

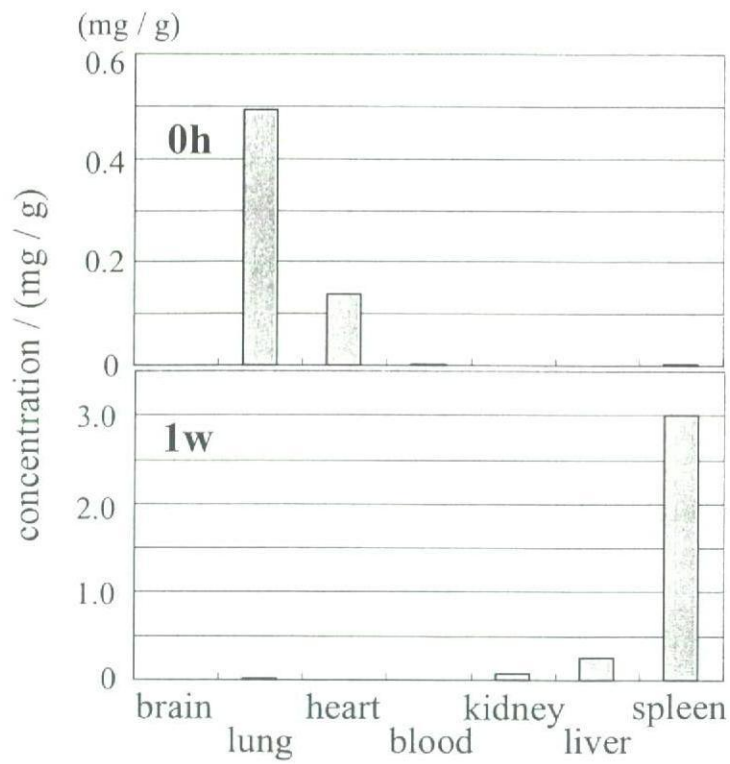


图 6-1

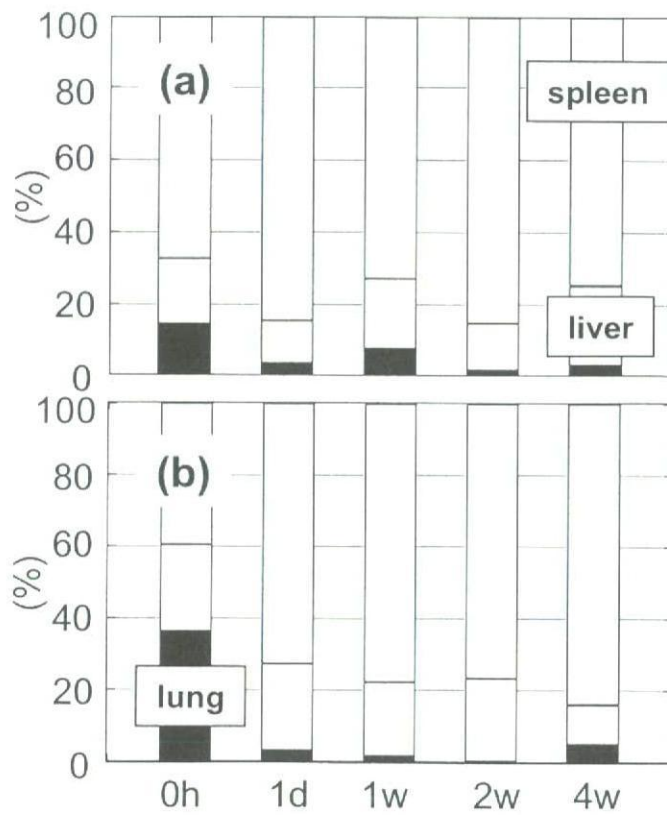


图 7-1

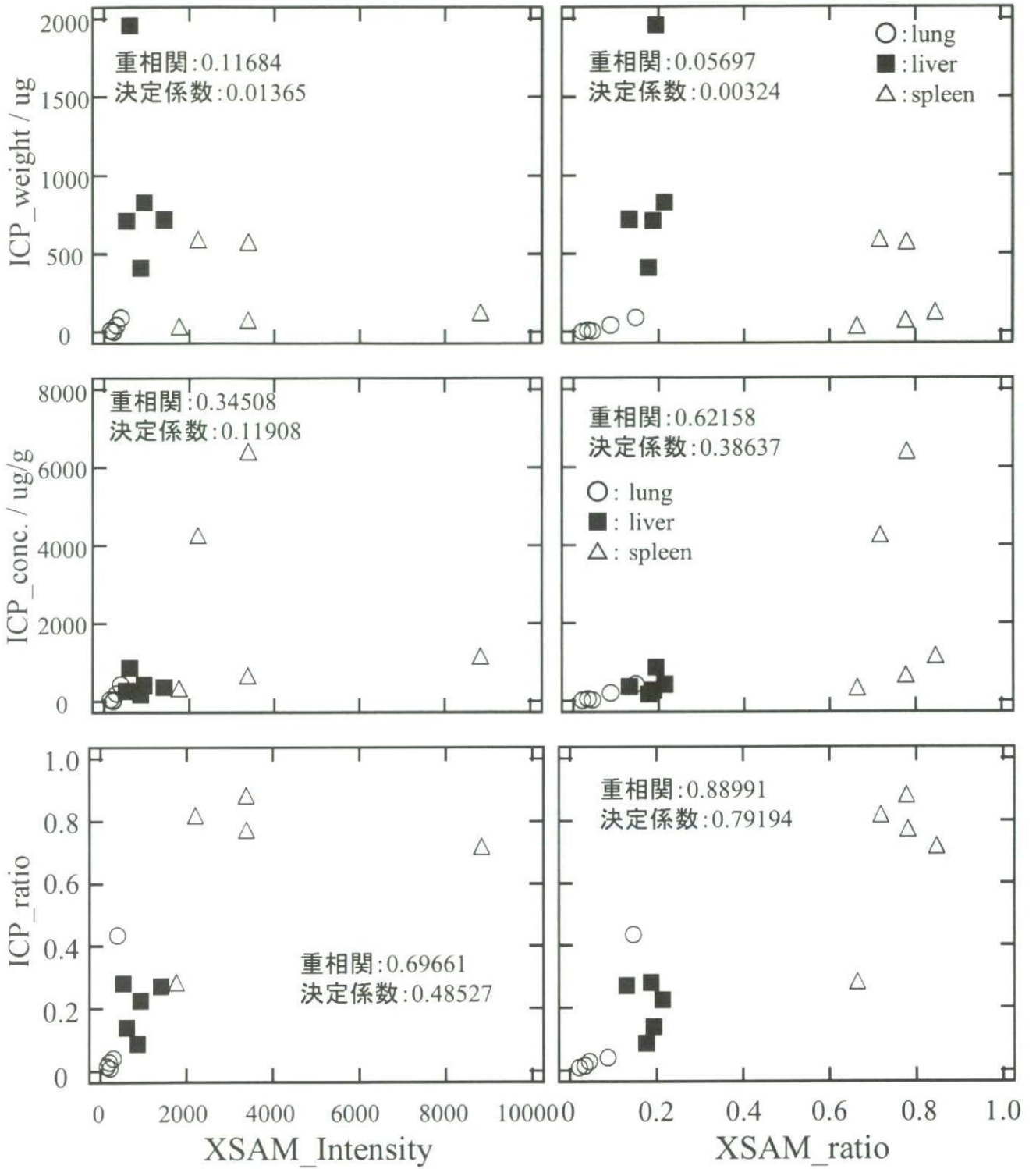


図 7-2

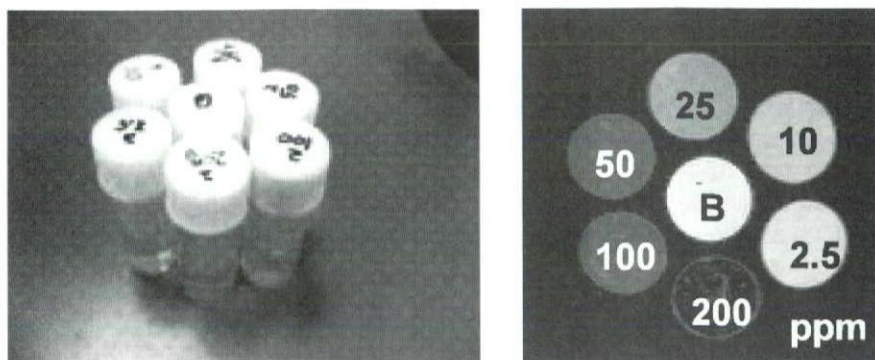


図 8-1 TE=20 msでの画像

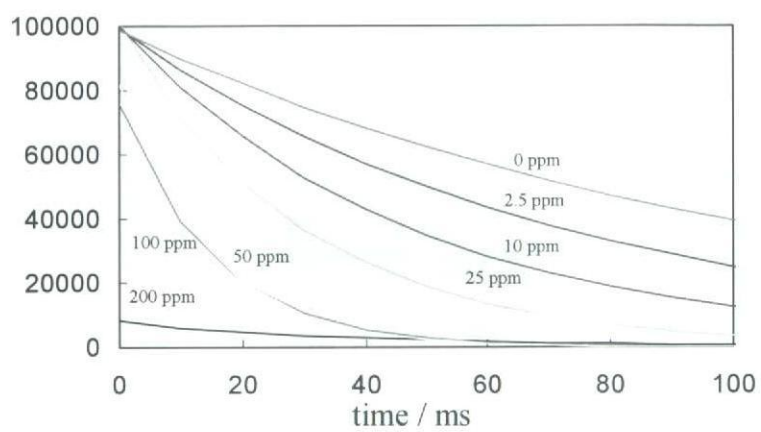


図 8-2

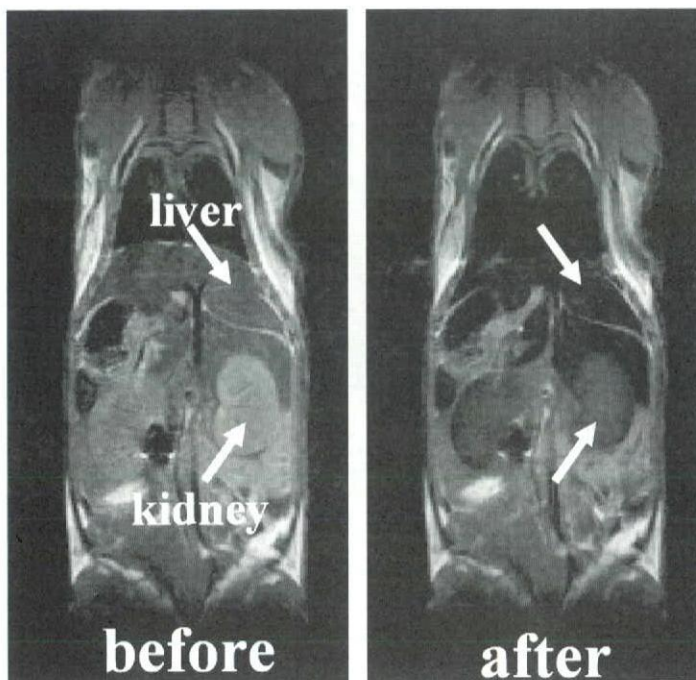
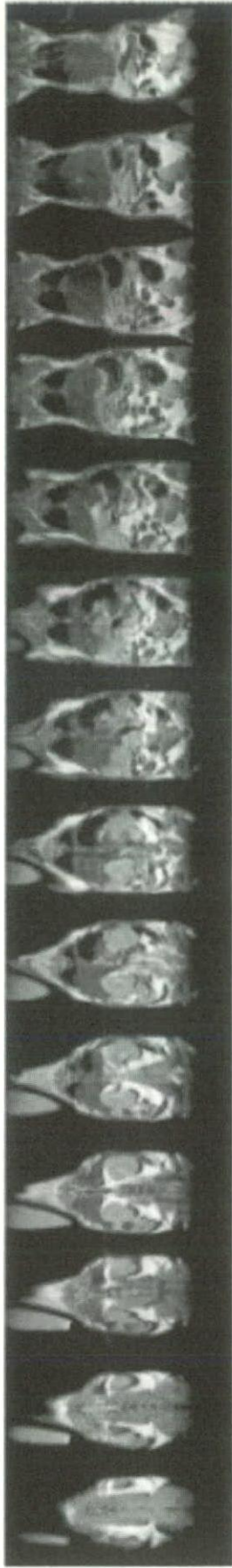
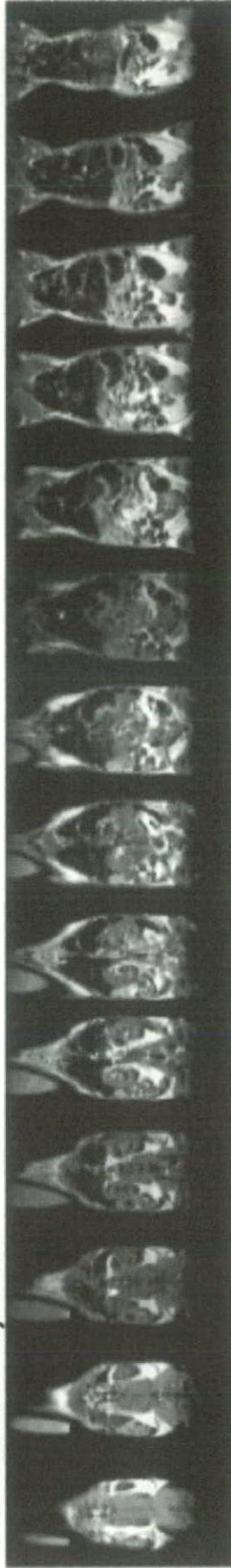


図 8-3

pre-injection



0.5 hrs. after injection



1.5 hrs. after injection

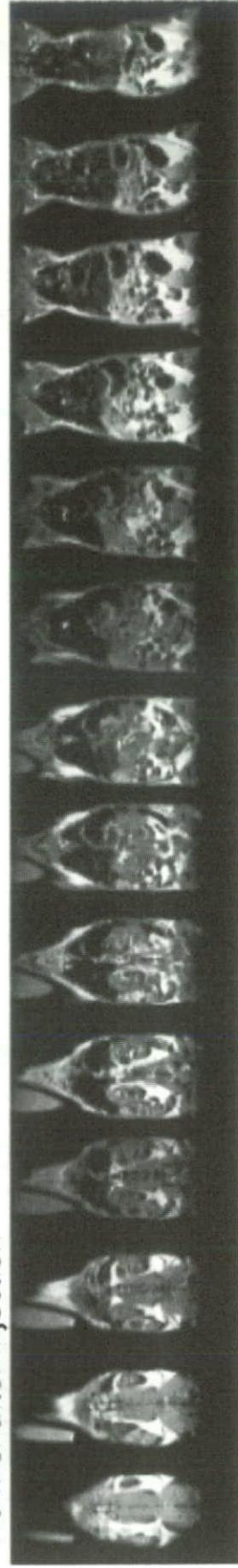
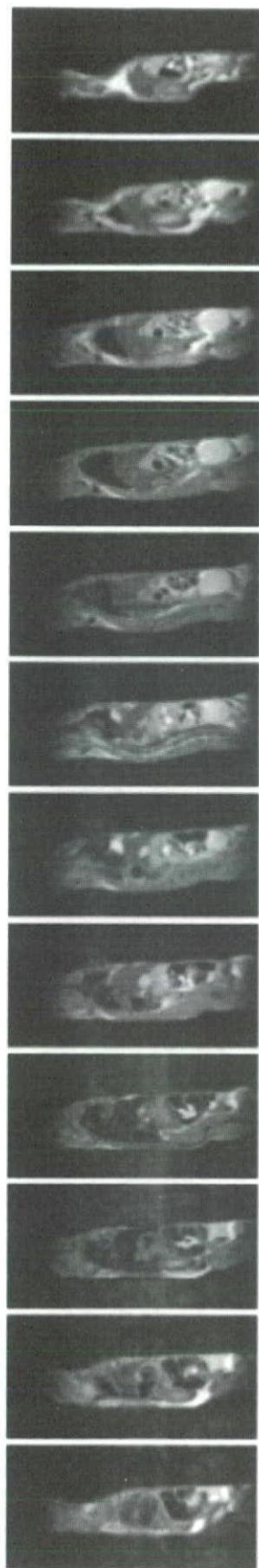
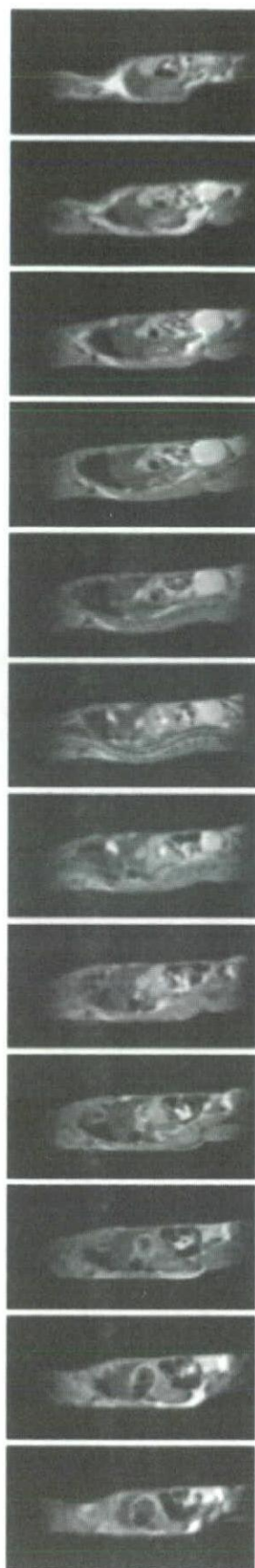


图 8-4

pre-injection



0.5 hrs. after injection



1.5 hrs. after injection

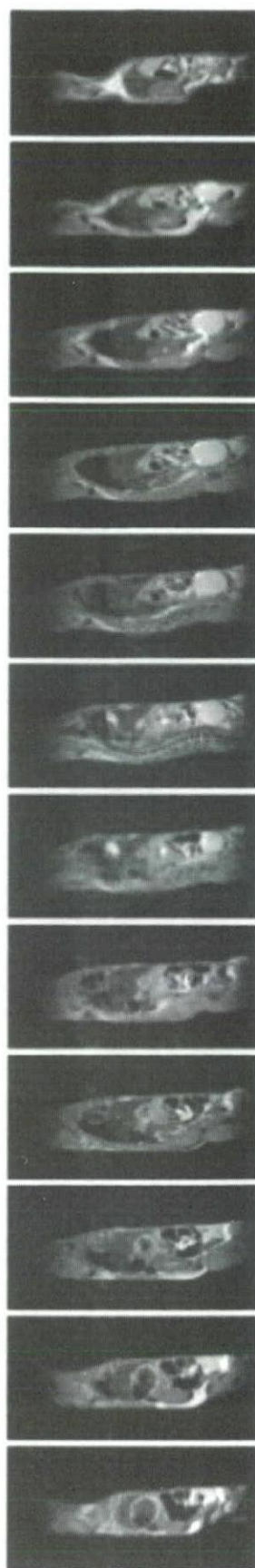
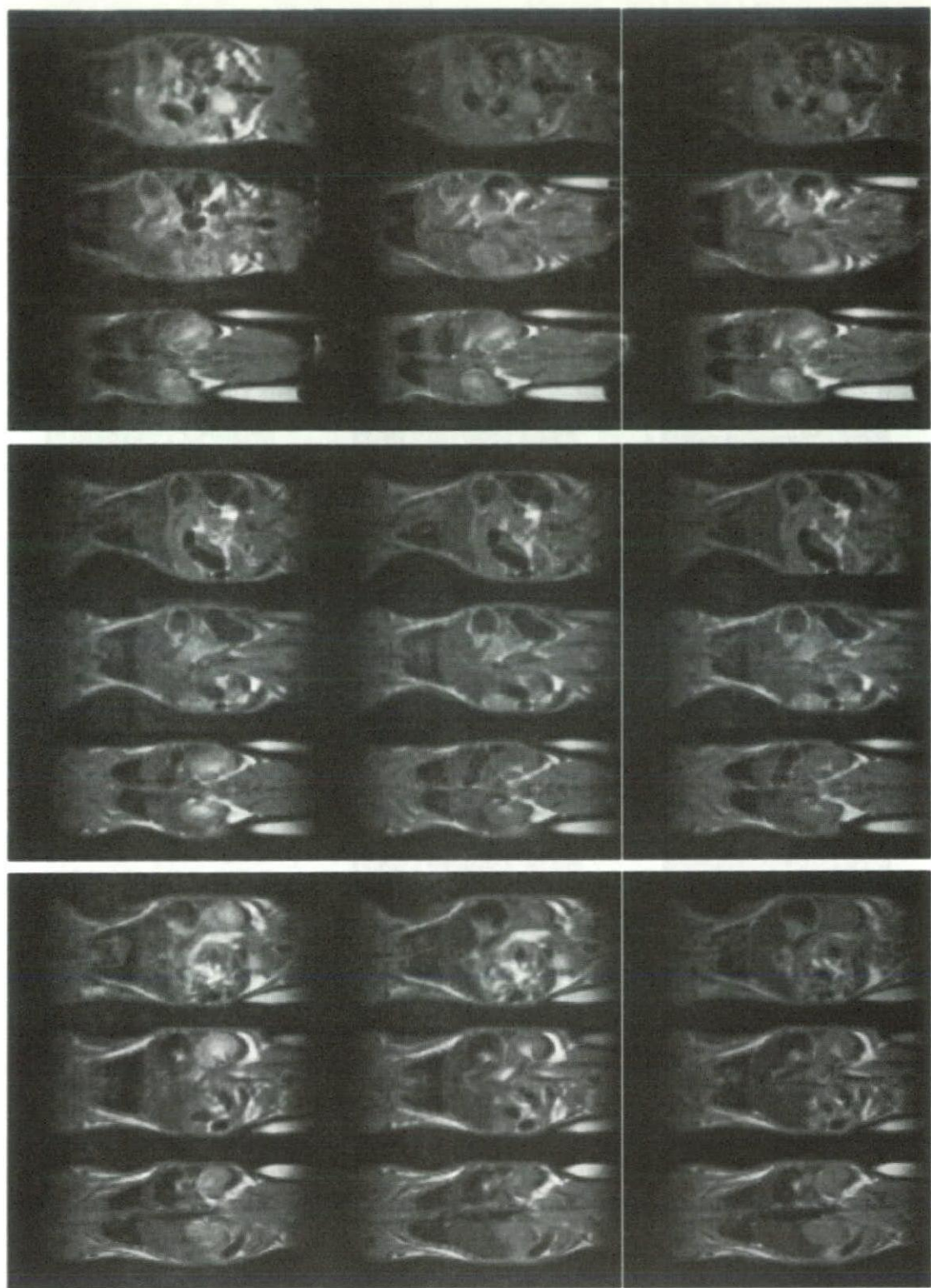


图 8-5

投与量: 5 mg / mL x 0.3 mL



before

☒ 60 min.
8-6

120 min.
(Co-ferrite
は 90 min.)

Co-ferrite

Ba-ferrite

magnetite

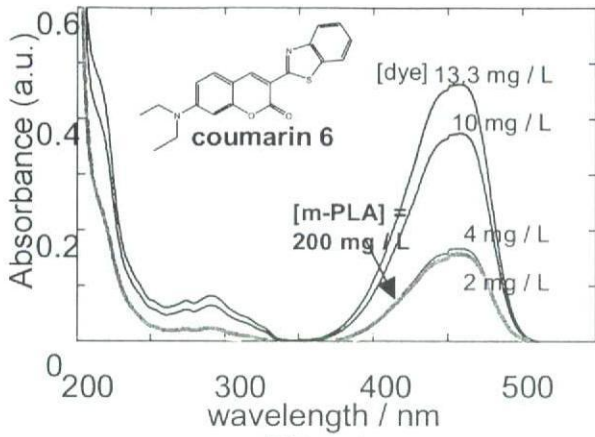


図9-1A

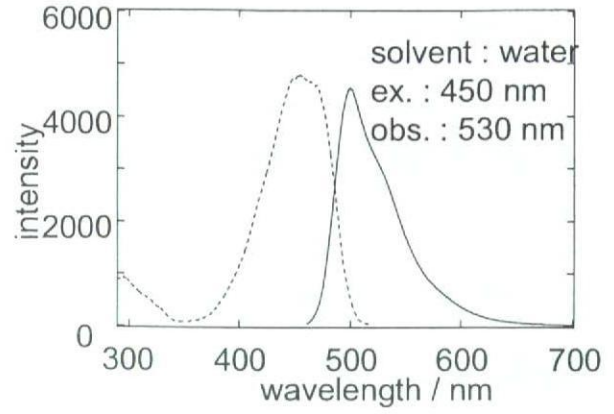


図9-1B

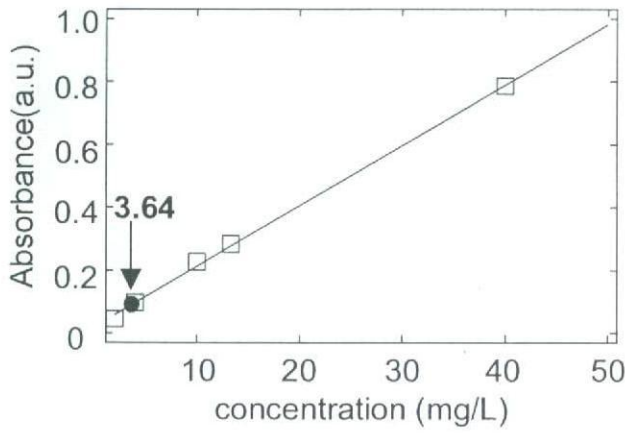


図9-1C

□ : coumarin 6
 ● : m-PLA (200 mg/L)
 solvent : ethanol
 obs. : 423 nm

色素含有率

$$\frac{[\text{dye}]}{[\text{polymer}]} \times 100 = 1.8 \%(\text{w/w})$$

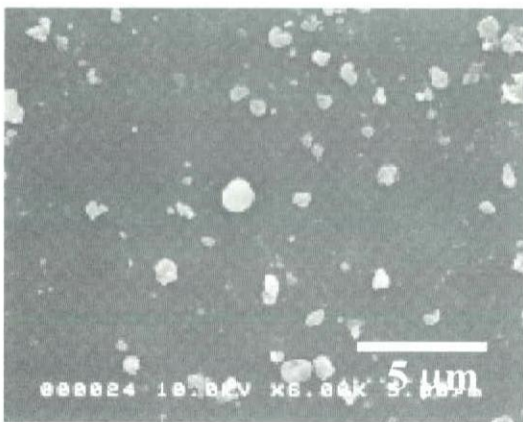


図9-1D

図 9-1

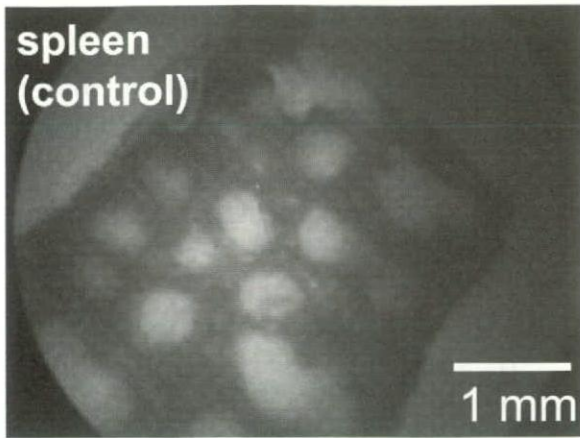


图9-2A

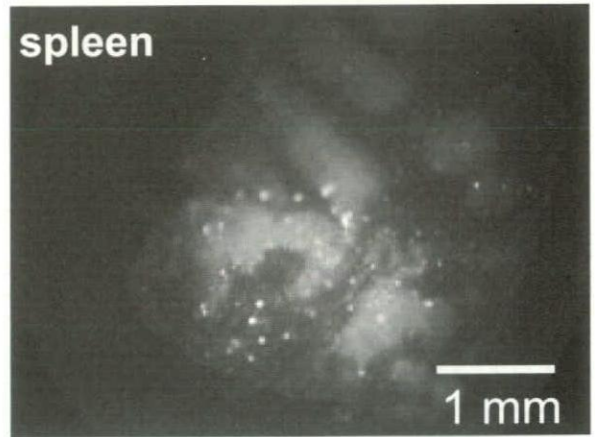


图9-2B

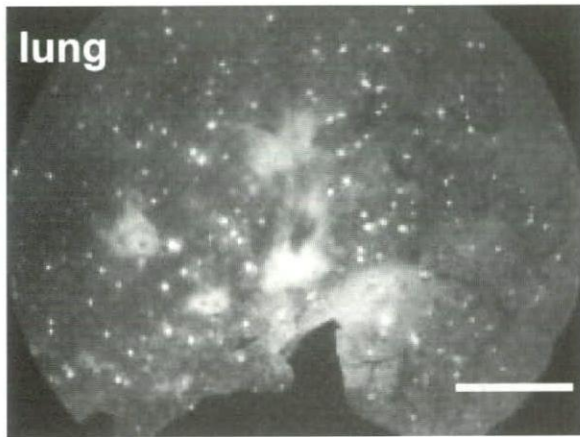


图9-2C

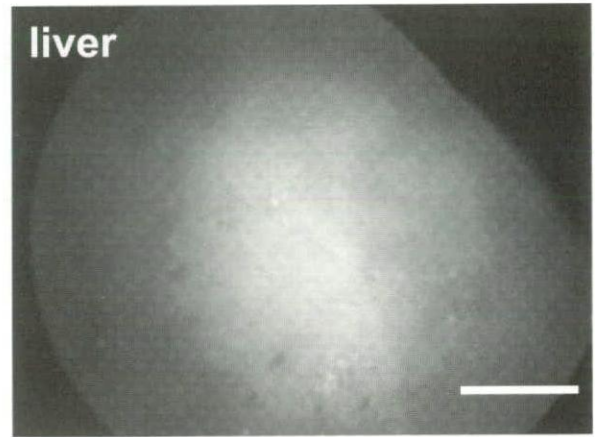


图9-2D

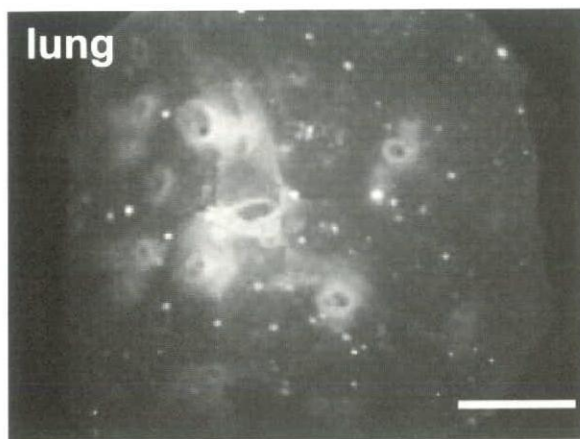


图9-2E

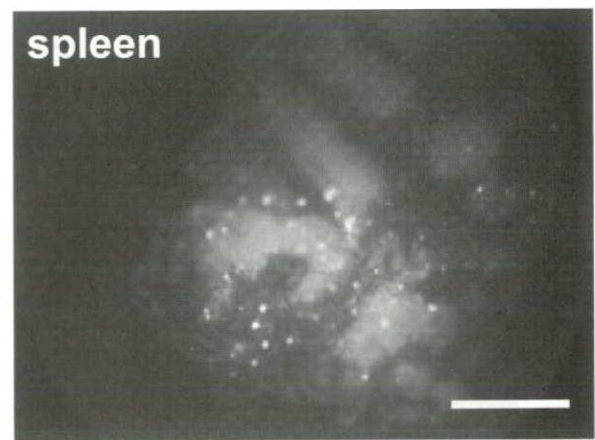


图9-2F

图 9-2

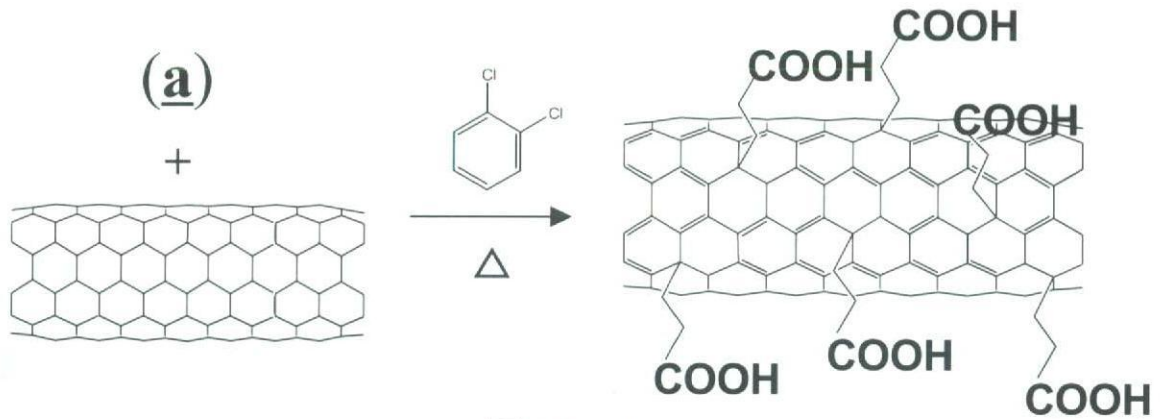
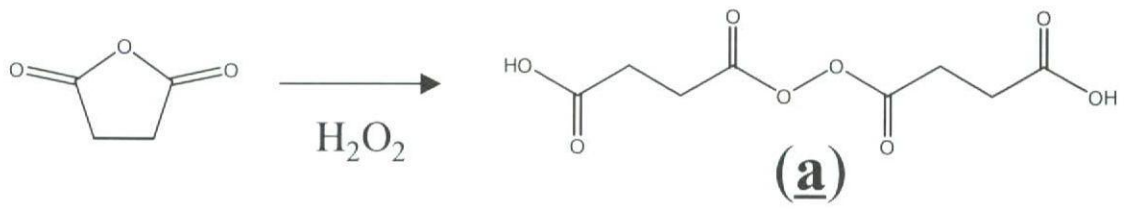
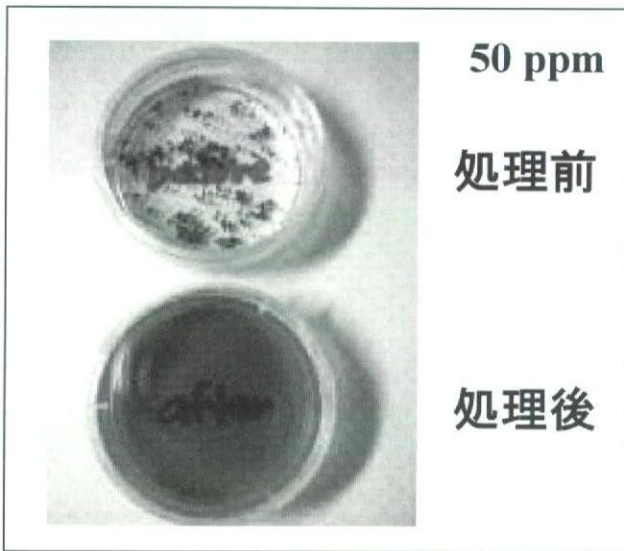


図10-1



親水化処理により水中に安定して分散された。(2w、沈殿を生じず)

図10-2

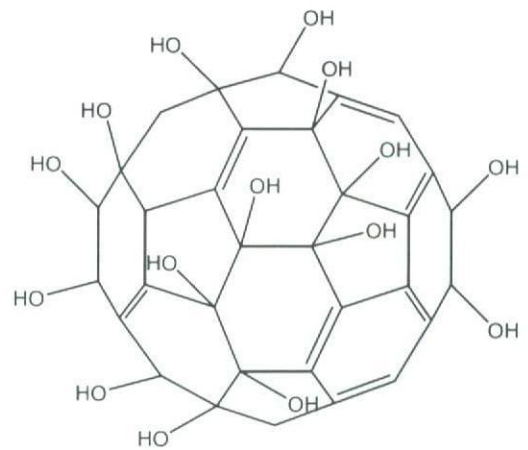


図10-3

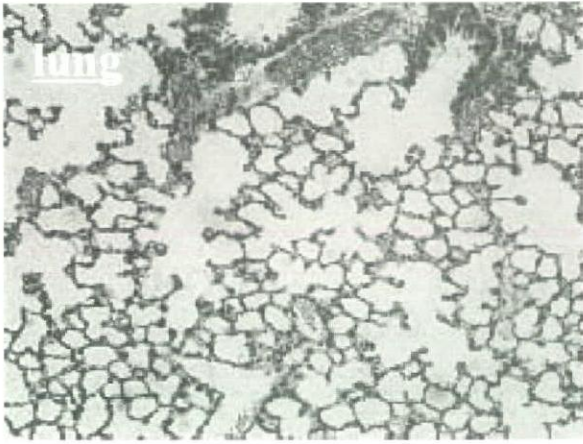


图 10-4A

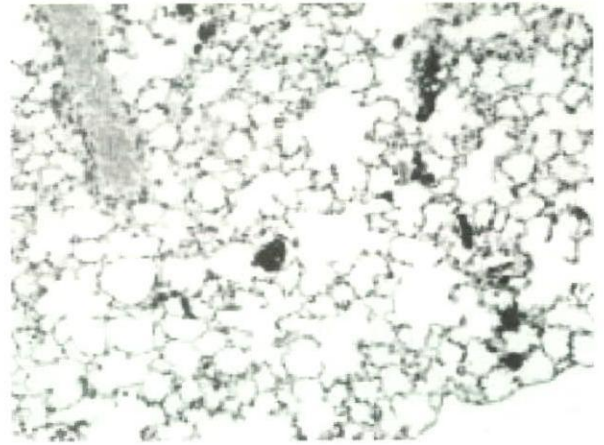


图 10-4B

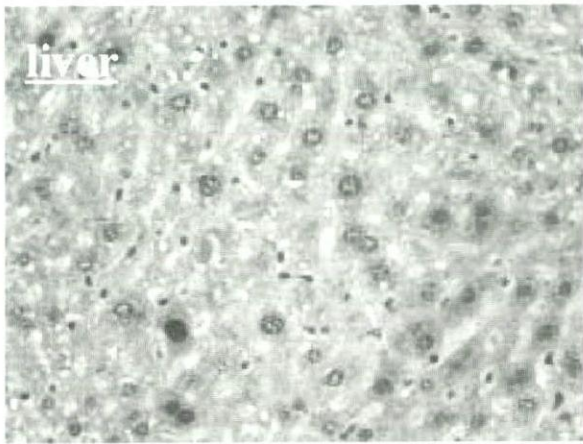


图 10-4C

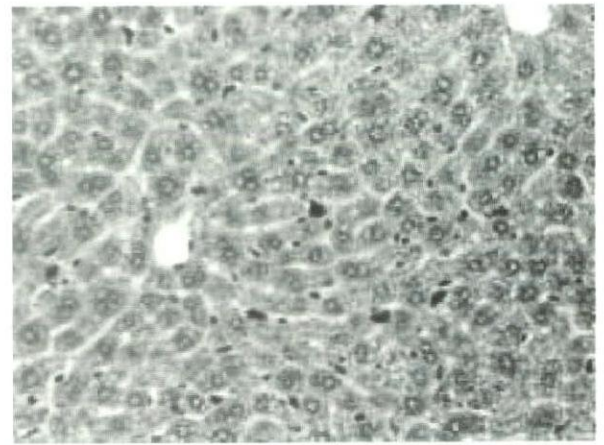


图 10-4D

图 10-4

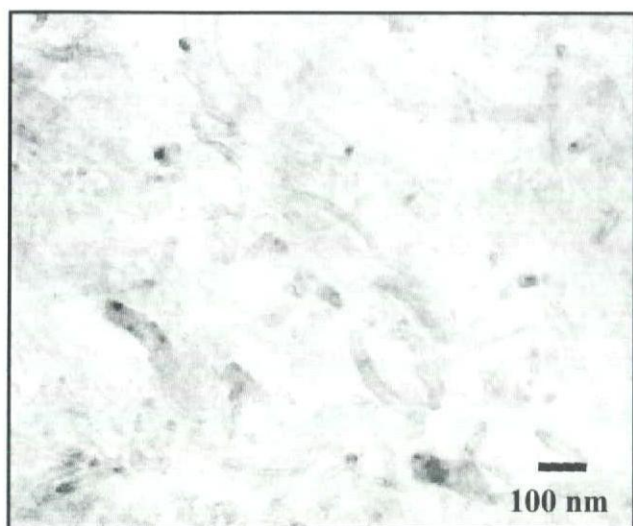


图 10-5

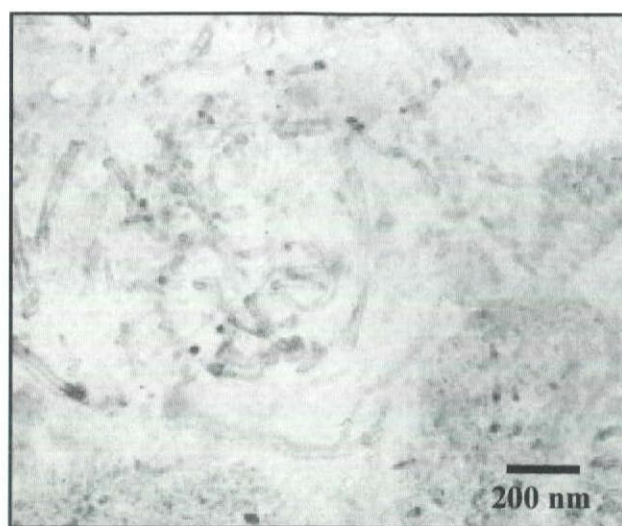


图 10-6

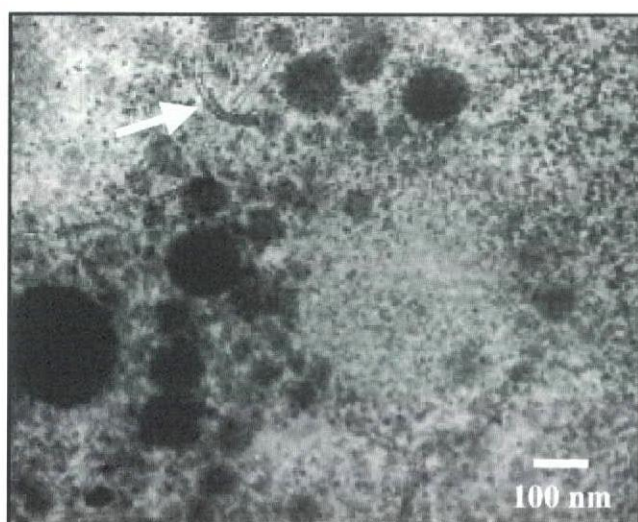


图 10-7

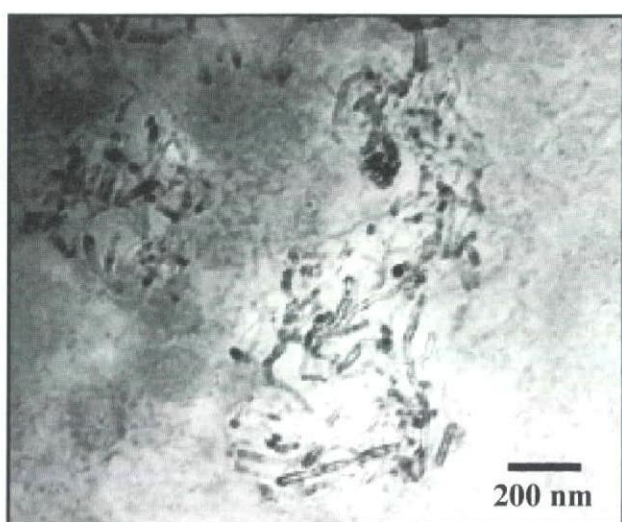


图 10-8

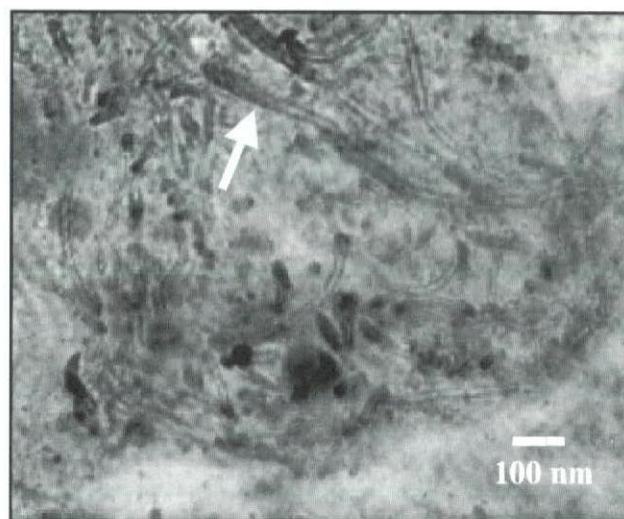


图 10-9