


實驗動物技術及動物福祉 (3)

洪昭竹 博士

AAALAC 國際評審委員

前國立台灣大學獸醫學系兼任教授

前亞洲實驗動物學會聯合會(**AFLAS**) 主席



3. 齧齒類動物保定、投藥、採樣之方式考量 與要求

Healthy mice



Ear-tags equipment



73850.020



73855

Ear-tags for laboratory animals, rabbits and guinea pigs

73850

Ear-tags for laboratory animals, made of brass, marked with current numbers up to 4 spaces and with letters up to 3 spaces

Minimum quantity 100 pieces

73855

Plier for ear-tags for laboratory animals

rat-tail-tattoo



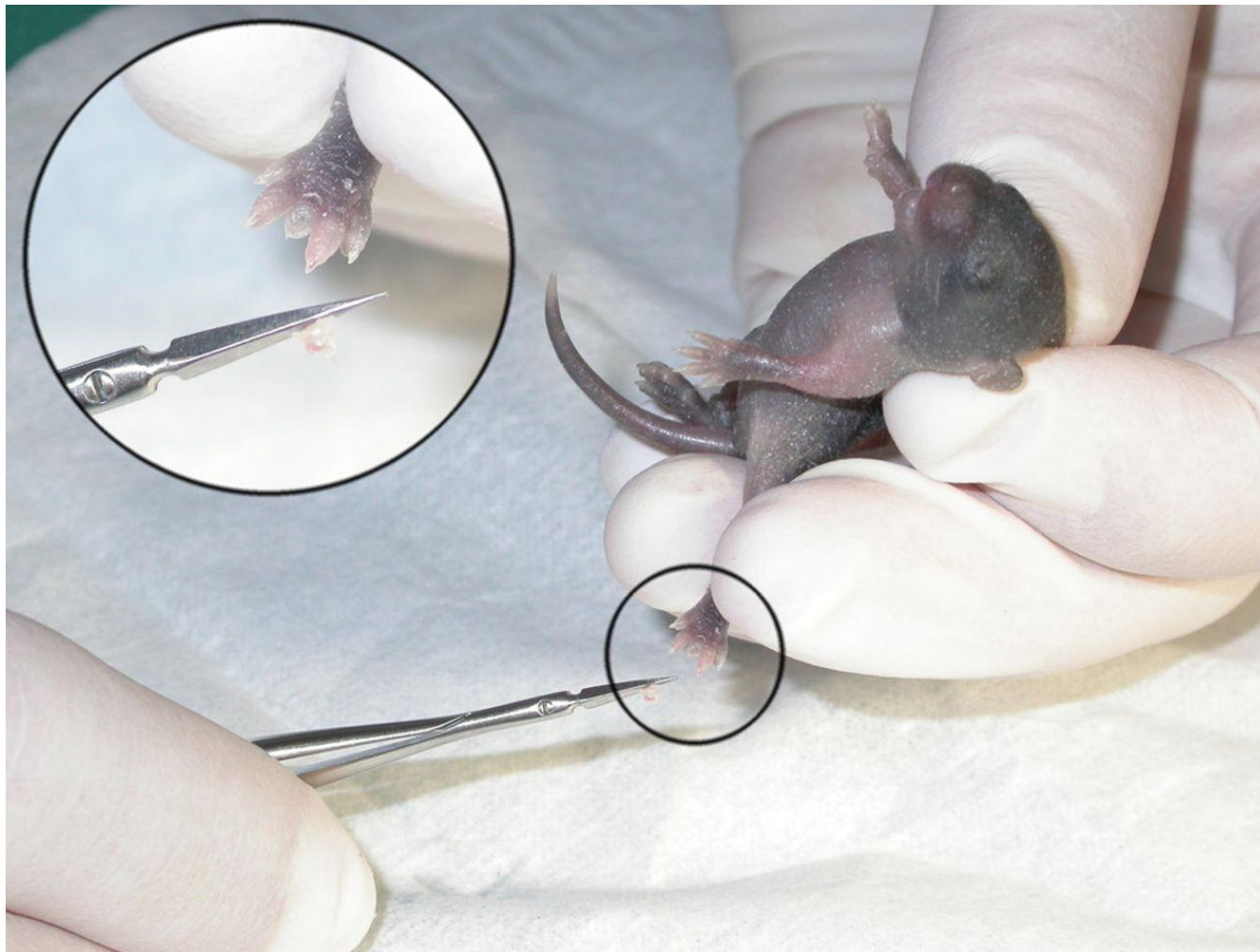
rat-tail-tattoo-marker



rat ear tag



toe nail clipping



mouse handling







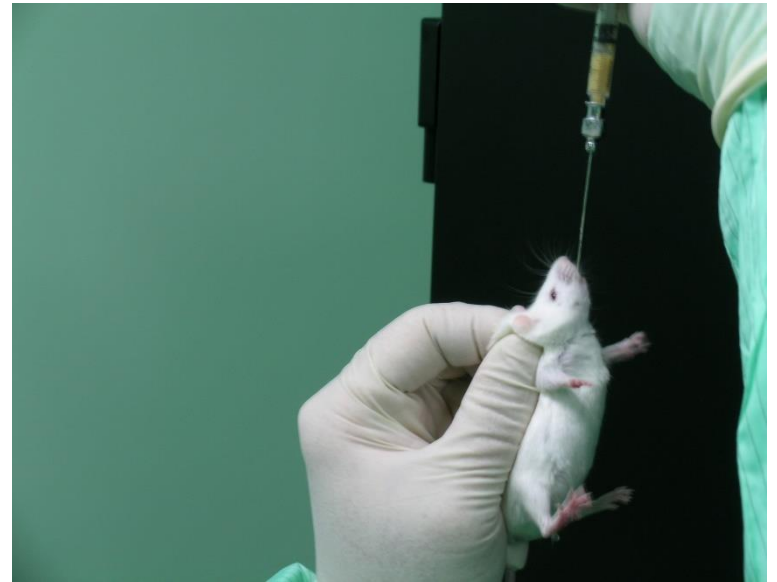
IP injection in rat



rat injection IP



gavages

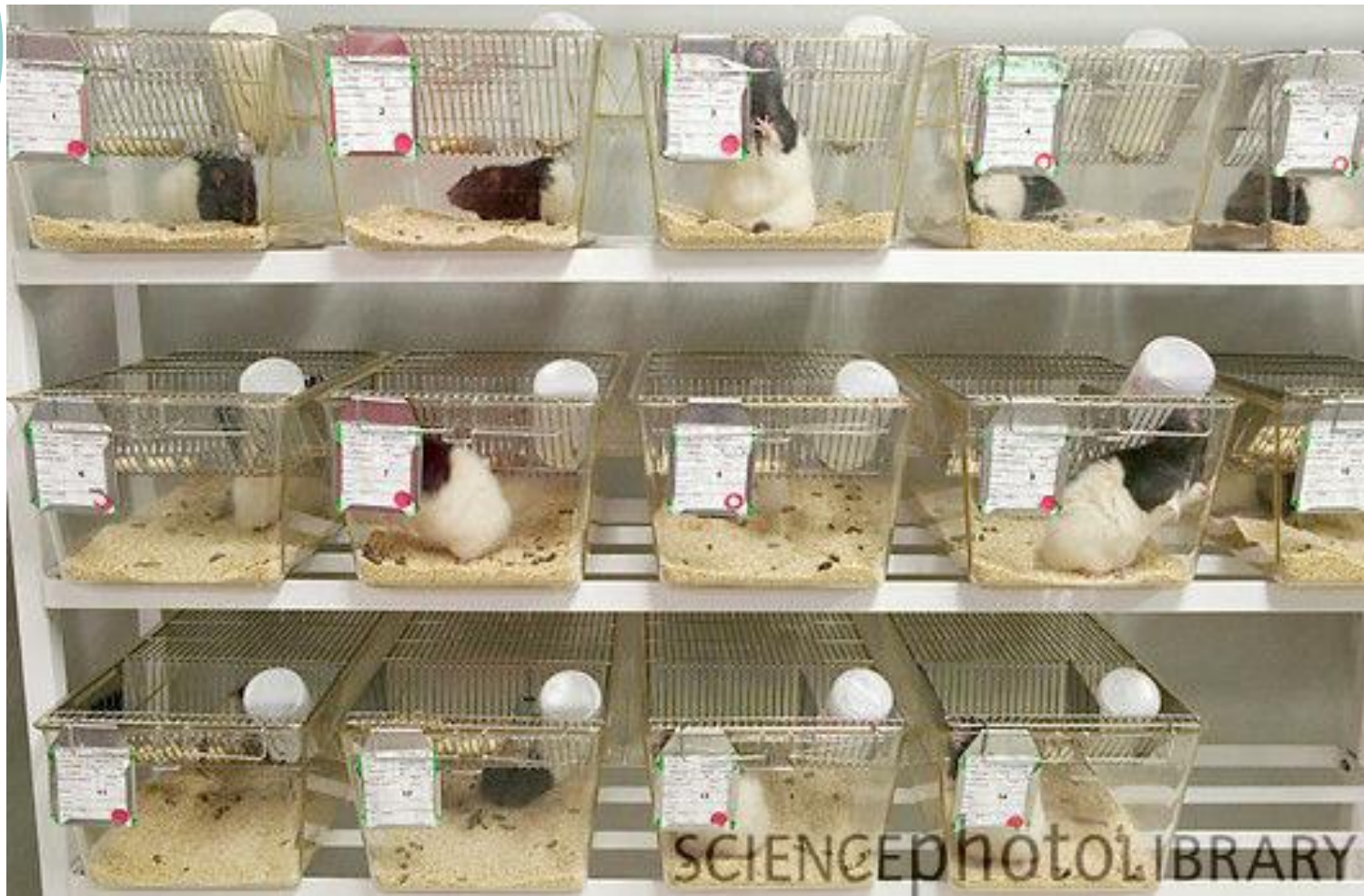




Collection from tail snip



rats cages and racks



Daily observation of rat colony

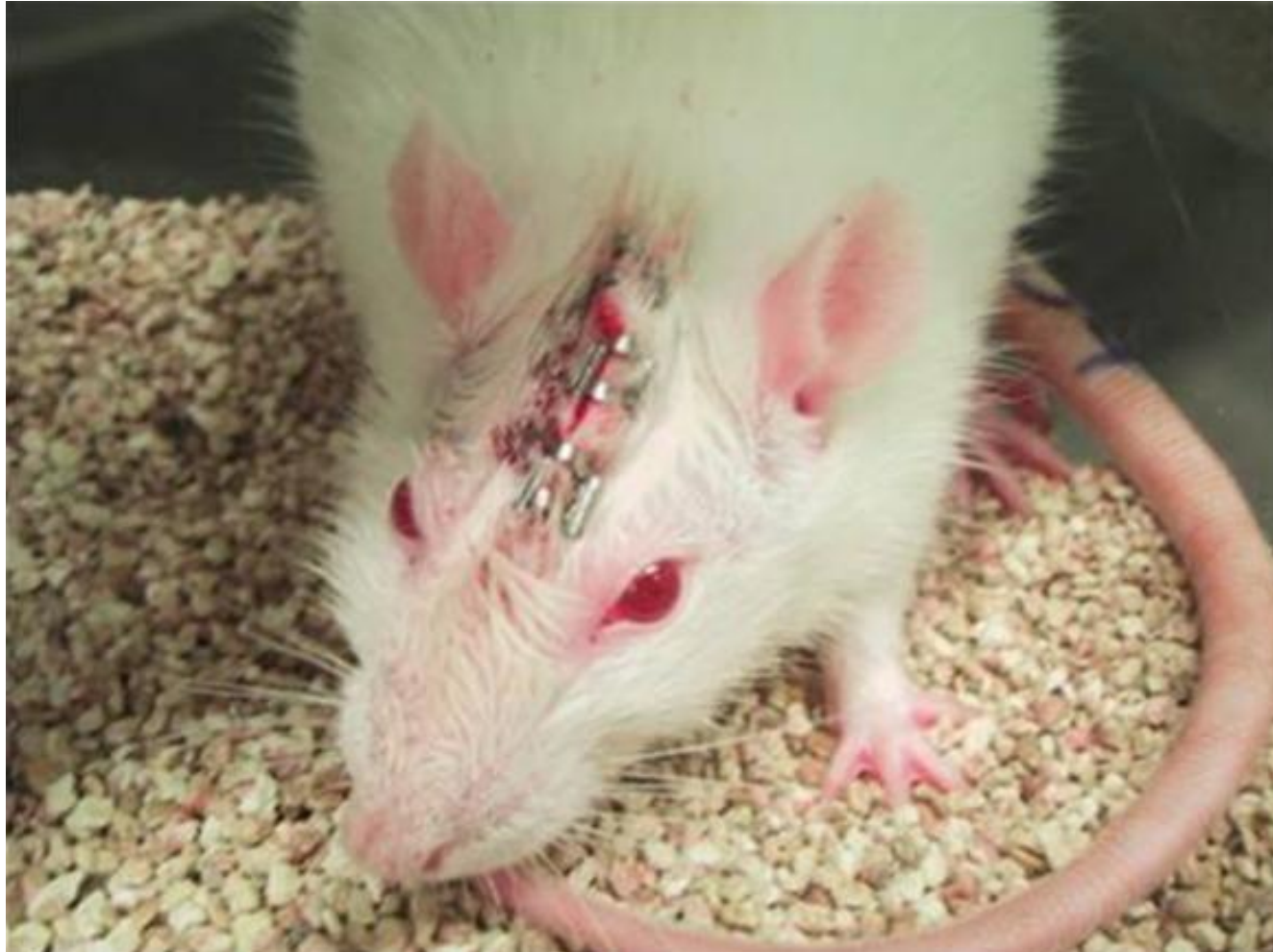


surgery in rats



Figure 1. H-shaped flaps were used for the experimental model of ischemic skin wound healing.

surgery without shaving



rat brain surgery



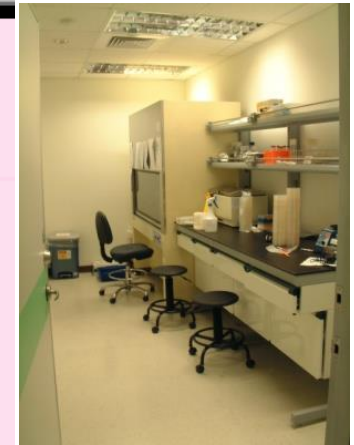
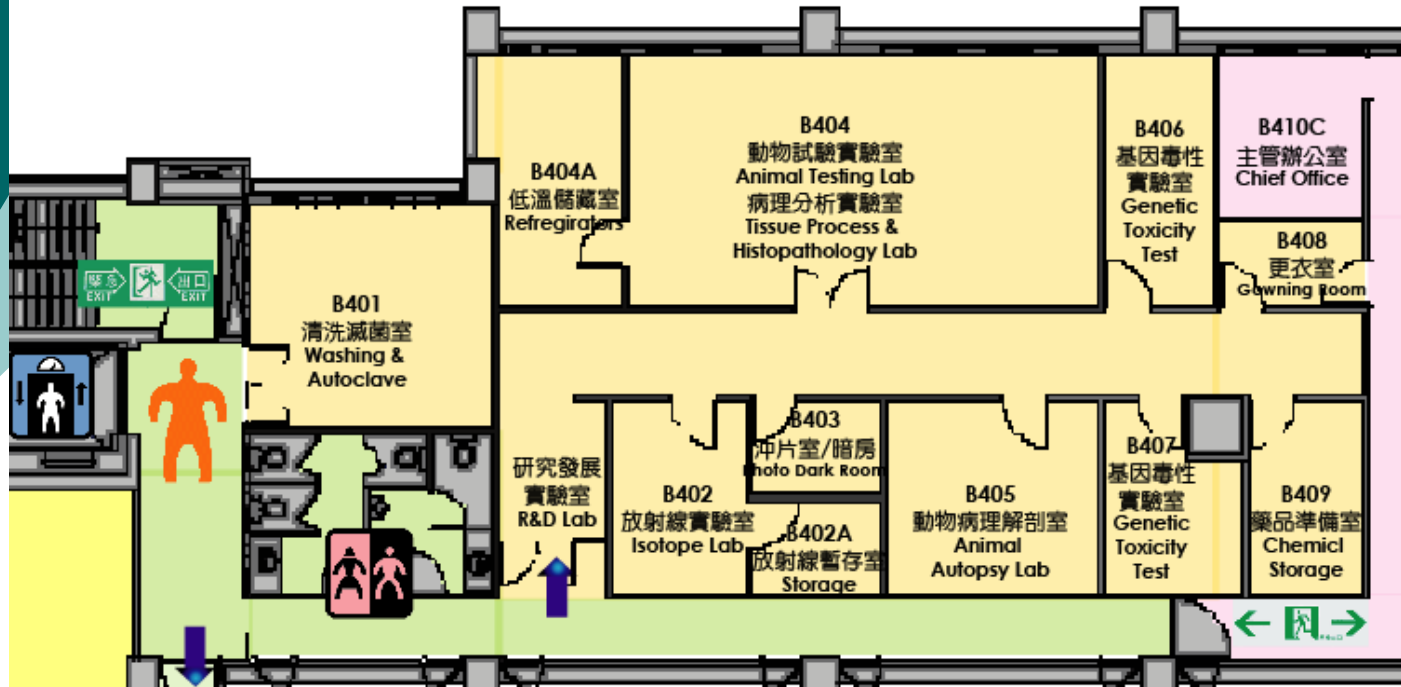
SD rat necropsy



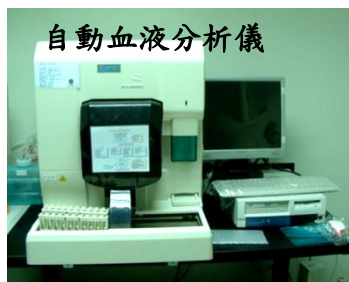
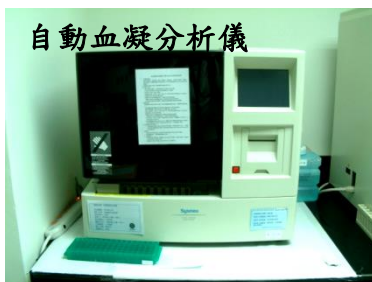
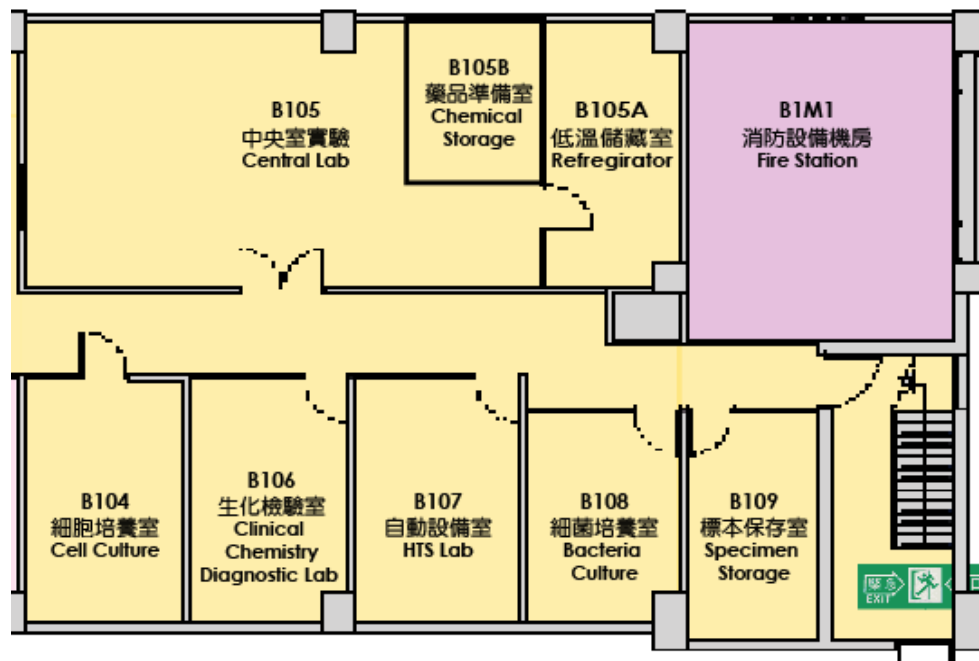
SD rat necropsy



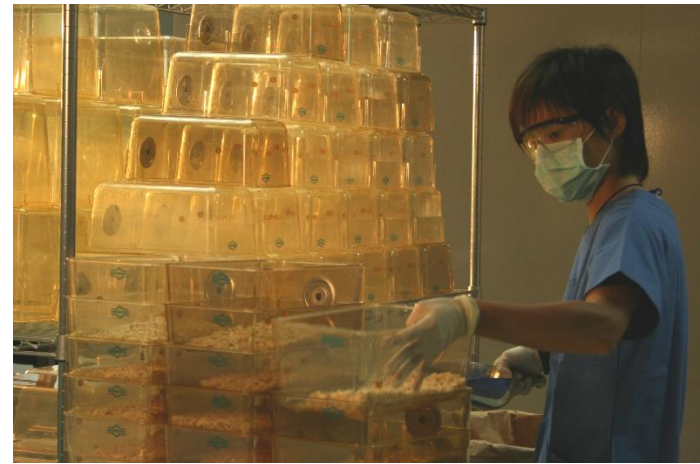
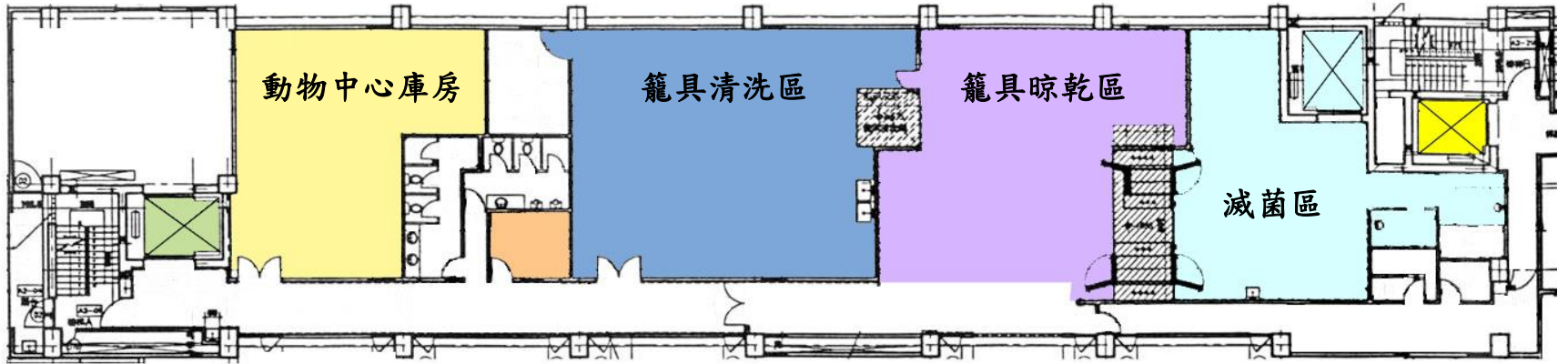
臨床前試驗實驗室



試驗實驗室



清洗滅菌區



無特定病原(SPF)等級飼養管理

例行健康監測

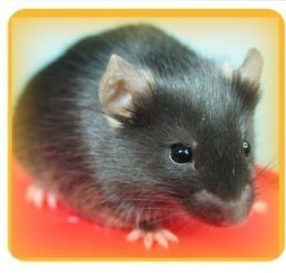
每季病毒, 細菌, 寄生蟲檢查
項目符合國際標準

大環境監控

24小時電腦溫溼度監控
空氣品質監測

微環境監控

墊飼料及飲水品質監控



人員進出控制

門禁系統
教育訓練

物品進出控制

消毒滅菌系統
教育訓練



veterinary-role-in-large-scale-disasters

Captive/Concentrated Animal Populations



- Laboratory animals
- Zoos, sanctuaries, wildlife parks
- Commercial breeding/pet retail
- Kennels/veterinary hospitals

實驗動物福祉

實驗動物福祉 — 評估並緩解實驗動物的疼痛與痛苦



實驗動物福祉

— 評估並緩解實驗動物的疼痛與痛苦

ISBN 1 864 96360 3 (print)
ISBN 1 864 96366 2 (online)