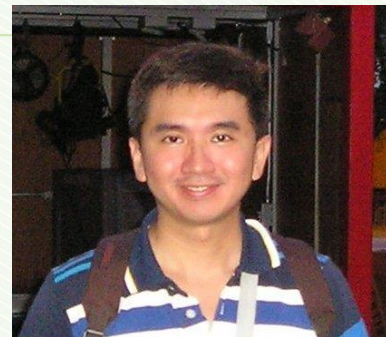


# 忻凌偉副教授



## 研究領域:

有機合成與藥物化學

藥物設計與新藥開發

藥物分析與鑑定

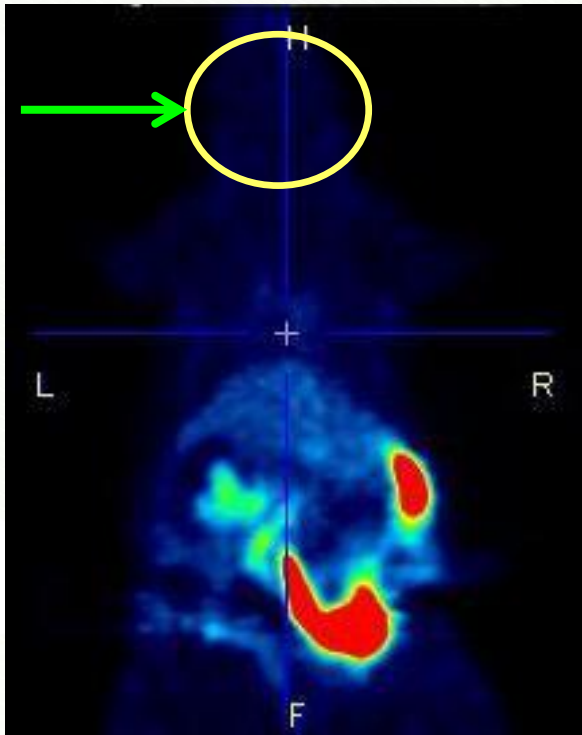
## 研究方向:

1. 中樞神經藥物與分子探針之設計合成及轉譯醫學之應用
2. 具早期診斷阿茲海默症潛力之新藥開發
3. *First-in-class* 腸躁症治療藥物探索

# 藥物分佈實驗

- In vivo organ distribution measured by PET scan

no CNS  
uptake



i.v. 40-60 min

**CYT:**

Higher distribution in the GI tract



Limited access to brain



Target selectivity?

Less side effect and toxicity?

vs.

**Alosetron:**

widely distributed throughout tissues

(Camilleri M, 2000. *Exp Opin Invest Drugs*)