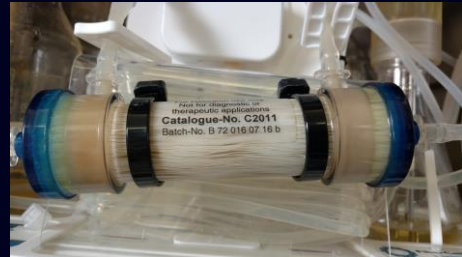


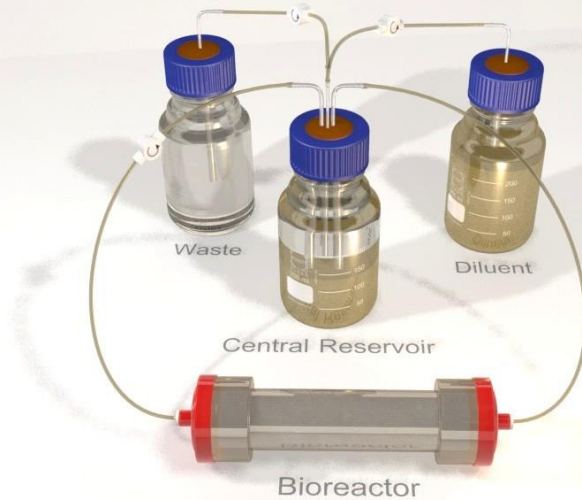
# Hollow fibre cartridge



Antimicrobial  
Pharmacodynamics  
Hollow Fibre Laboratory



# Hollow Fibre Set-up



# Hollow Fibre Uses

- ▶ Drug development:
  - ▶ Dose ranging studies - human PK
  - ▶ Optimising duration of treatment
  - ▶ EMA TB guideline:



- ▶ **Combinations**
- ▶ Induction of resistance
- ▶ Multi-organism
- ▶ Intracellular pathogens
- ▶ Genotype-phenotype correlation