



# **Eurofins Pharma Discovery Services**

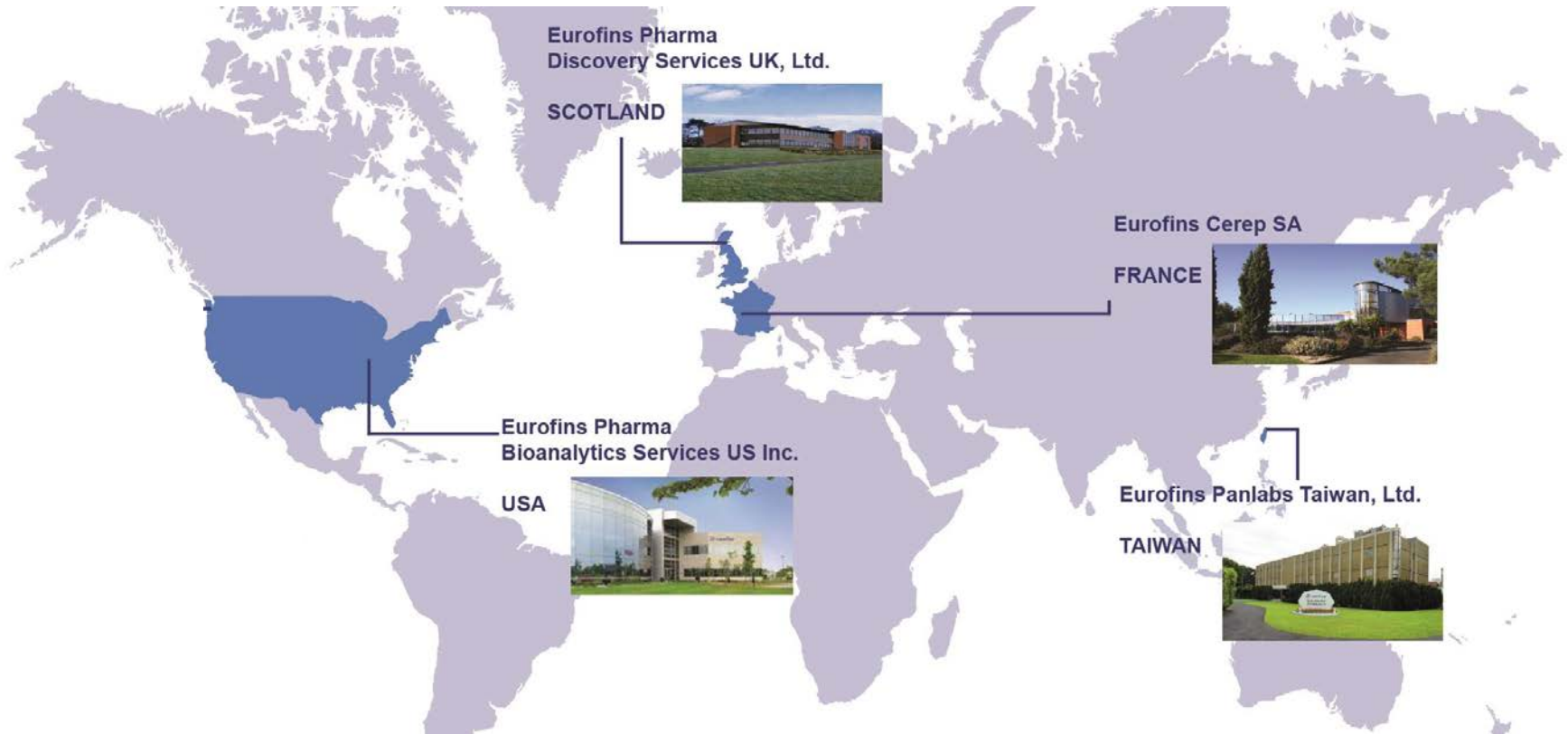
## **Eurofins Panlabs Taiwan, Ltd.**

# ***P. aeruginosa* and *A. baumannii* Infection Models**

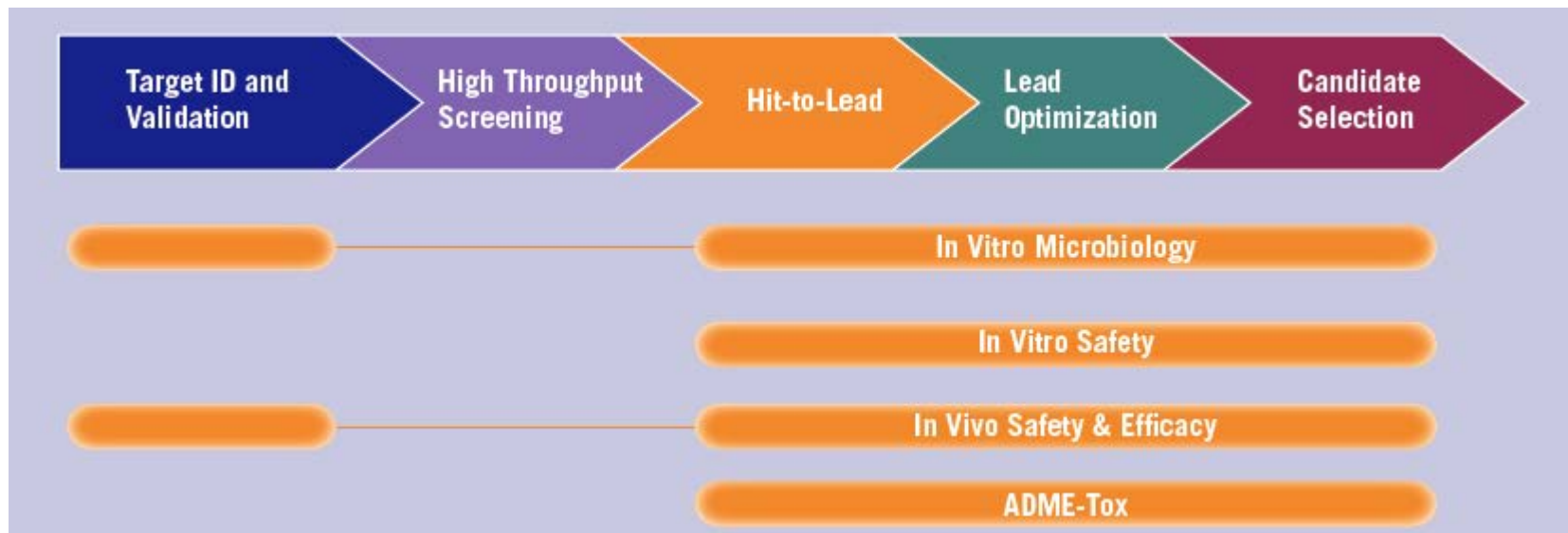
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# Eurofins Pharma Discovery Services Global Preclinical Contract Research Labs



- **Services:** >3,000 in vitro and in vivo assays for safety and efficacy testing
- **Therapeutic areas:** infection, inflammation/allergy, CNS/pain, oncology, cardiovascular, GI/renal, metabolic/endocrine and respiratory
- **Flexibility:** adaptable standard assays and custom assay development
- **Longevity:** >40 years of high quality services
- **Reputation:** recognized trusted service provider with >500 clients globally

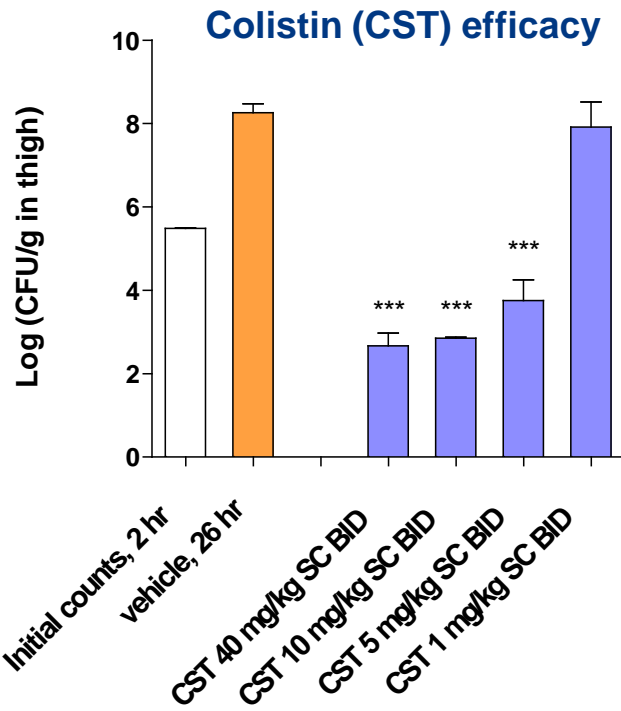


- 160+ *P. aeruginosa* and *A. baumannii* strains are available for *in vitro* and *in vivo* testing (including 130 FDA-CDC AR Bank strains)
- >40 off-the-shelf *in vivo* efficacy models are available. Custom models are readily generated.
  - Bloodstream, lung, ocular, peritonitis, skin & wound, thigh tissue, and vaginal
  - Susceptible and MDR pathogens
  - *A. baumannii*, *P. aeruginosa*, *E. coli*, *K. pneumoniae*, *N. gonorrhoeae*
  - *E. faecalis*, *S. aureus*, *S. pneumoniae*, *S. pyogenes*
  - *Candida albicans*, *A. fumigatus*

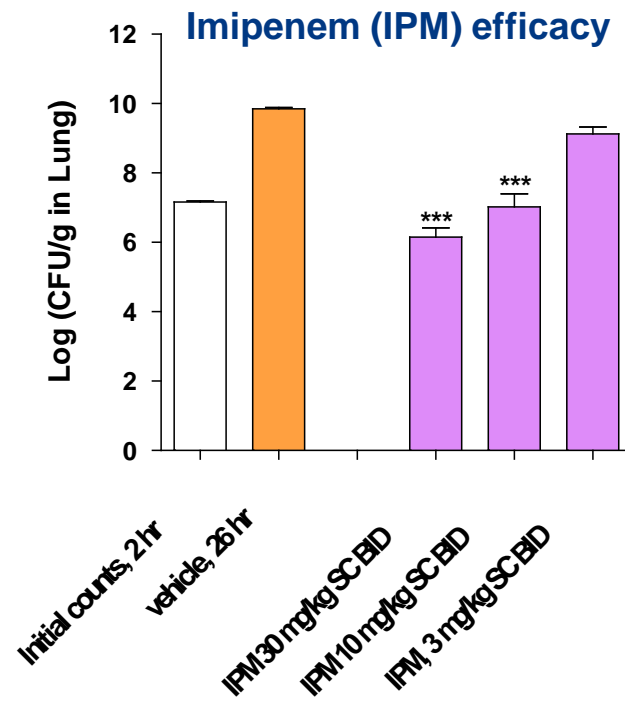
# Lung and Thigh Infection Models Neutropenic Mice



**[608655] Carbapenem resistant  
*P. aeruginosa* strain LES-431  
thigh infection model**



**[608800] *A. baumannii*  
Strain ATCC 17978  
lung infection model**



- Additional endpoint measurements include PK bioanalysis, cytokine analysis, qPCR, histopathology, flow cytometry, clinical chemistry & hematology.

## [608620] *Pseudomonas aeruginosa* peritoneal infection model

Intraperitoneal  
inoculation

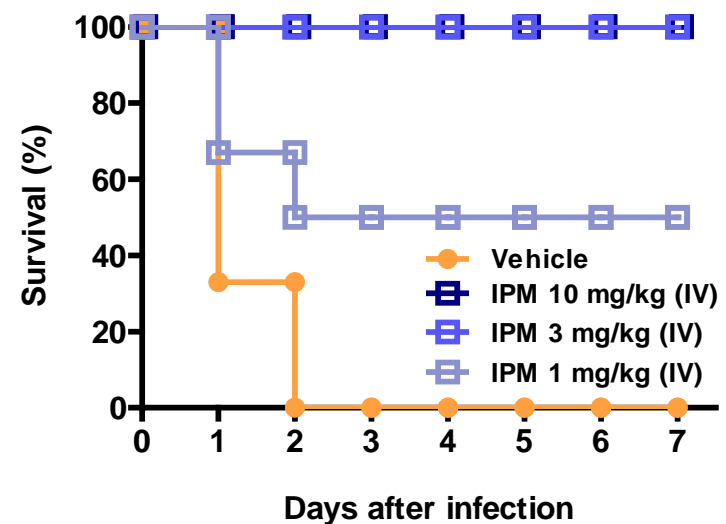
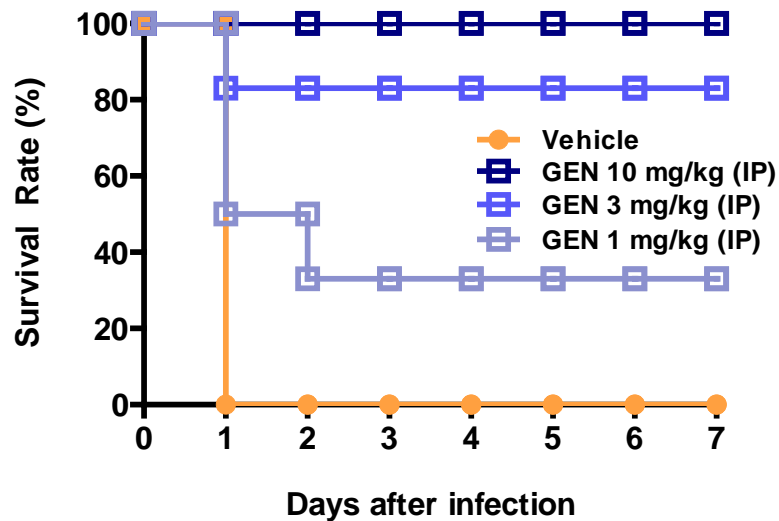
➔  
1h

Test article  
dose

➔

Observe survival  
daily

### Gentamicin (GEN) and Imipenem (IPM) Efficacy



- 160 *P. aeruginosa* and *A. baumannii* strains are available for model development, including 130 strains from the FDA-CDC AR Bank.