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## CONFÉRENCE

# Workshop PK/PD of antibiotics

Lyon, July 6-7, 2023

*Published on 27 March 2023*

### Target

Audience up to 30 physicians, pharmacists, clinical microbiologists, biomedical scientists or trainees with an interest in microbiology and pharmacology

### Workshop objectives

- Understanding the role of PK/PD in setting MIC breakpoints and associated antibiotic dosages
- Code a published population PK model into Pmetrics R package
- Run Monte Carlo simulations with Pmetrics and analyze results for various dosage regimens
- Perform probability of target attainment (analysis with Pmetrics)
- Identifying PK/PD breakpoints and associated standard and high dosages
- Assessing drug related and patient related factors influencing PTA and antibiotic dosages