



CRE REDUCE

CENTRE OF RESEARCH EXCELLENCE
Redefining Antimicrobial Use To Reduce Resistance



POPULATION PK MODELLING AND DOSE OPTIMISATION: PMETRICS/BESTDOSE WORKSHOP

INTERNATIONAL SPEAKERS:

Prof Michael Neely, Los Angeles, CA, United States

Prof William Hope, Liverpool, UK.

WORKSHOP COORDINATORS:

Prof Jason Roberts (UQ, RBWH)

Dr Claire Roger (UQ, Nîmes)

OBJECTIVES:

- Create PK datasets appropriate for population analysis
- Fit models to data to estimate population and individual distribution of parameter values
- Make and customize pharmacometric plots
- Perform basic and Monte Carlo simulations for PK-PD analysis of antimicrobials
- Optimize dosing for an individual patient using nonparametric, multiple-model Bayesian adaptive control

DATE: 13 – 15th October 2016

VENUE: Innes Room, Union College
38 Upland Road, St Lucia Q 4067

REGISTRATION FEE: AUD \$790.00

CPD Accreditation pending

DAY 1: 13/10	Pmetrics
09:00-09:30	Introduction to Pharmacometrics
09:30-10:30	Review of pre-workshop tutorial*
10:30-12:00	Fitting data to models in Pmetrics*
12:00-13:30	Lunch
13:30-15:00	Plotting of Pmetrics objects*
15:00-17:00	Pmetrics modeling exercises*
DAY 2: 14/10	Pmetrics/BestDose
09:00-10:30	Monte Carlo simulations with Pmetrics*
10:30-12:00	Simulation exercises*
12:00-13:30	Lunch
13:30-14:30	Introduction to BestDose*
14:30-15:30	Using BestDose stand-alone*
15:30-17:00	BestDose exercises*
DAY 3: 15/10	BestDose/Projects
09:00-10:30	Using BestDose in R and on the web*
10:30-12:00	BestDose server exercises*
12:00-13:30	Lunch
13:30-14:00	Closing and certificates of attendance
> 14:00	Staff available for questions
* Exercises with tutors	



**THE UNIVERSITY
OF QUEENSLAND**
AUSTRALIA



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@cre_reduce
cre.reduce@uq.edu.au
c.roger@uq.edu.au
cre-reduce.centre.uq.edu.au