

Introduction to Bayesian pharmacometric data analysis with NONMEM

Metrum Research Group (<http://metrumrg.com/>) will present a one-day workshop entitled “**Introduction to Bayesian pharmacometric data analysis with NONMEM**” on **Saturday 19 October 2019**. In this workshop, we will introduce principles and methods of Bayesian data analysis for pharmacometric applications. We will provide a guided hands-on experience in Bayesian data analysis using NONMEM v7.4. The hands-on examples will focus on population PK and PK/PD models with specific attention to situations when informative prior distributions can be used to reflect pharmacological understanding. The course will cover basic Bayesian and Markov chain Monte Carlo methodology, methods for model evaluation and MCMC convergence, and tips for implementation of models in NONMEM. The course will end with an introduction to fitting Bayesian population PK and PK/PD models with Stan/Torsten.

Cost will be \$700 for industry, \$400 for academia or government and \$250 for students.