

The **Animal Health Modeling & Simulation Society (AHM&S)** will run its first live meeting at the University of Strathclyde, Glasgow, **Monday June 10th, 2-6 pm**. The AHM&S is a newly founded association (2012) that aims at promoting the development, application, and dissemination of Modeling and Simulation techniques in the field of Veterinary Pharmacology and Toxicology. The primary objective of the society is to maximize the value of available pharmacokinetic/pharmacodynamic datasets (both sparse and rich) to identify physiological and pathological factors that account for differences in drug safety and efficacy in animals, as a result of between and within-subject variability. The association is co-chaired by Pr. Johan Gabrielsson (Europe) and Pr. Jim Riviere (USA), and currently counts about 15 core members from both academia and industry. For more information about the group or the satellite meeting, please contact Dr. Jonathan Mochel (jonathan.mochel@novartis.com).

Technical details:

Monday 10th June 2013

Strathclyde University, Graham Hills building GH510

02.00pm-05.30pm

1. [Animal Health Regulatory Science Innovation Initiative \(AHRsII\)](#)
By Pr. Jim Riviere (President, USA), College of Veterinary Medicine, Kansas State University
2. [Optimizing antimicrobial dosage regimens with mechanistic PK/PD modeling](#)
By Pr. Ronette Gehring, College of Veterinary Medicine, Kansas State University
3. [Methodological challenges with population pharmacokinetics when assessing data of dogs with osteoarthritis](#)
By Dr. Martin Fink, Advanced Quantitative Sciences Novartis Pharma AG
4. [Role of BSA and Hyperthermia on Carboplatin Dosing in Dogs](#)
By Pr. Tomas Martin-Jimenez, College of Veterinary Medicine, Tennessee University
5. [Modeling and Simulation: A Comprehensive Tool To Streamline Drug Development](#)
By Dr. Jonathan Mochel, Advanced Quantitative Sciences Novartis Pharma AG