



Infusion Technology Organisation

Scientific Programme

Symposium Day 1 – 7th September 2015

8:30 Arrival/ Coffee/ Tea

9:00 Welcome & Introduction
Bayer

Session I

"New/ Developing Methodology/ Practices"

Chair: (Covance, UK)

9:10 SMP-200 micro infusion pump: effect of 6-weeks intravenous treatment with Amlodipine in spontaneously hypertensive (SHR) telemetered rat
WIL Research, France

9:40 How a Comprehensive Surgical Training Program Can Influence the Successful Outcome of Infusion Studies
HLS, US

10:10 Use of iPrecio implantable micro infusion pumps for targeted intracerebral drug delivery in a rat model of epilepsy
University of Veterinary Medicine in Hanover (TiHo) Germany

10:40 Tea/Coffee

Session I continued

Chair: (IMS Euro, UK)

11:00 Jackets, The Interface Between Animal and "Machine"
Lomir, Canada

11:30 Development of a Centrally Catheterised Guinea Pig Model
HLS, UK

12:00 Automated behavioural observations for ambulatory continuous infusion studies of socially housed cynomolgus monkeys: Is Ethovision the answer?
Covance Germany

12:30 CSF Sampling in dogs
Janssen Pharmaceutica, Belgium

13:00 Lunch



Session II

"Preclinical Development - Industry"

Chair: Bayer Pharma AG

- 14:00 Automated Arterial Blood Sampling in Rhesus Monkey PET Imaging Studies
Merck, USA
- 14:30 Dual catheterized mice model for euglycemic clamping
Novo Nordisk Foundation Center for Basic Metabolic Research,
University of Copenhagen, Denmark
- 15:00 Vehicle-induced lesions after intravenous administration
Bayer Pharma, Germany
- 15:30 The tail cuff infused mouse - history and histopathological findings in nude mice
Bayer Pharma, Germany; Covance, UK

16:00 Coffee/ Tea

Workshop

"Short Presentations: Direct from the Bench/ Animal Room"

Chair: Instech

- 16:30 The tail cuff pinport model in the catheterized nude mouse
Bayer Pharma AG, Germany; Covance, UK
- 16:40 Frequent blood sampling from the jugular vein, testing of different vascular access materials,
Bayer Pharma AG, Germany
- 16:50 The Impact of Occlusions on Dose Accuracy
Instech, USA
- 17:00 Working with pinports
Harlan, Netherlands
- 17:10 Method enhancement for intrathecal lumbar bolus delivery and CSF sampling in the anesthetized cynomolgous monkey: numbers, volume and procedures
Covance Münster
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- 17:20 ITO Issues

18:30 CONFERENCE DINNER - Above the Roofs of Downtown Cologne



Symposium Day 2 - 8th September 2015

- 9:00 Arrival/ Coffee/ Tea
9:25 Welcome

Session III, Part 1

"Animal Welfare - Effects on Experimental Data"

Chair: (Novartis, Switzerland)

- 09.30 Impact of tethered infusion technology on a permanently catheterized mouse model
University of Copenhagen, Denmark
- 10.00 Good surgical practice and animal welfare (I and II)
Surgical Skills Centre, Netherlands
- 10.40 Tea/Coffee

Session III, continued

"Animal Welfare - Effects on Experimental Data"

Chair: Bayer/ Radioprotect2012

- 11:10 The harmony of gold standard physiological monitoring with novel infusion technology: Better quality of science in pre-clinical models ranging from mice to marmosets
Novartis, Switzerland
- 11:50 Effect of animal handling on body weights in CD-1 cruk mice on continuous infusion studies
Covance, UK
- 12:20 Use of a pinport model to minimize handling/stress associated with serial blood sampling in the rat
WIL Research, USA
- 12:50 Lunch



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Session VI

"Other Models / Practices"

Chair: WIL Research US

14:00 From an Idea to the Clinic - Preclinical Development of a Pre-term Labor NCE Using Remote Infusions and a Telemetric Method to Determine Intrauterine Pressure

QPS US

14:30 Challenges and Solutions to Data Entry and Verification in Infusion and Sampling Studies

SAI, US

15:00 Update on the IT landscape

Infotope, A

15:30 Coffee/ Tea

16:00 Summary & Good Bye

16:45 **END OF SYMPOSIUM**