

European Association for Veterinary Pharmacology and Toxicology
European College of Veterinary Pharmacology and Toxicology

TRAINING WORKSHOP 2012

**BIO-ANALYTICS IN THE FIELD OF PHARMACOKINETICS AND
RESIDUE TESTING OF VETERINARY DRUGS**

Gent – Belgium

Dates: July 5th – July 7th 2012

Venue: Department of Pharmacology, Toxicology and Biochemistry
Faculty of Veterinary Medicine
Ghent University
Salisburylaan 133
B-9820 Merelbeke

Organizers: ECVPT / EAVPT

Course organizers: Professor Patrick De Backer
Professor Siska Croubels
Doctor Siegrid De Baere
Faculty of Veterinary Medicine, Ghent University, Belgium

Contents:

This 3-day workshop is designed for scientists working in veterinary pharmacology and toxicology who wish to improve their bioanalytical skills. The workshop includes a combination of lectures and hands-on practical sessions in fully equipped analytical laboratories. The objective is to offer an overview of the relevant steps in a bioanalytical process as well as of their technical application. Starting from the theory, scientists will improve their knowledge on sample preparation methodology for body fluids and tissues, on screening assays (immuno-assays) and on confirmatory chromatographic methods. They will be trained on hyphenated techniques involving liquid chromatography and gas chromatography coupled to sophisticated detectors, such as mass spectrometers (i.e. quantitative LC-MS/MS analysis, HR-MS and GC-MS). Participants will also learn how to validate an analytical method, and get a better knowledge of quality assurance with respect to Good Laboratory Principles (GLP).

Since practical sessions are included, the workshop is limited to 20-25 participants. Priority will be given to those persons currently enrolled in an ECVPT residency program and ECVPT diplomats.