

Romeo T. Cristina

*Faculty of Veterinary Medicine Timisoara - Romania
Veterinary Pharmacology Dept.*

Mission Statement

Veterinary pharmacology can be considered as a turning plate for all clinical groups.

The course propose an efficient link up, trough the benefice of following clinic activity, of the logical understanding of all phenomena linked with: therapy in animals, effect, remanence, wanted and unwanted effects, the therapeutic monitoring of the healing status and also the opportune therapeutic intervention in the critical situations.

The study of pharmacology in the IIIrd year of veterinary education makes the natural pass way to the clinic disciplines.

General aims:

The principle aim of teaching pharmacology to veterinary students is to provide them with an understanding of the pharmacodynamic and pharmacokinetic principles which determine rational and safe selection of therapeutic agents and their appropriate use in current clinical veterinary practice.

Through the study to this discipline it is estimated that the quality of the future vet's training will be improved with increased general abilities in:

- a competent clinic activity,
- in the choosing of the best veterinary remedy,
- a correct therapeutic attitude,
- to communicate with the public and with colleagues in their future professional activities,
- ethical judgement, enquiry and team work.

Specific aims:

Specific aims in the veterinary pharmacology can be defined as enabling students to:

- understand basic pharmacology principles in relation to normal function and disease,
- distinguish the pathological feature from the normal,
- treat diseases of animals to alleviate their suffering,
- demonstrate practical competence in specific treatment techniques and procedures
- demonstrate attitudes that promote professionalism,
- exercise skills information technology and pharmacological data analysis

The basic pharmacological knowledge gained should be applied in the later stages of the veterinary degree courses within the areas of general medicine and/or therapeutics.

It is important to ensure the following are emphasised:

- Species differences in the ways in which animals metabolise and excrete drugs,
- Species differences in the pharmacodynamics of some drugs which may underpin a lack of efficacy or enhanced susceptibility to toxicity,
- The importance of the combination of drug pharmacokinetics and toxicity in determining maximum residue limits in meat, milk, eggs and fish.

Expected results at the course finishing

In the context of the overall objectives of a veterinary degree course

Main achieved core skills

- Ability to retrieve information from drug reference sources.
- Ability to interpret and analyse pharmacological data.
- Ability to apply basic pharmacological principles to the safe and effective use of drugs to treat diseased animals.
- Linked I.T. skills.

Expected generic skills and attitudes:

- Written and oral communication skills.
- Deductive reasoning and problem solving skills.
- Professional responsibility to animal welfare and public health.
- Communicate (with the public and with colleagues) in their professional activities.

To understand my teaching philosophy please accept for review my course curricula