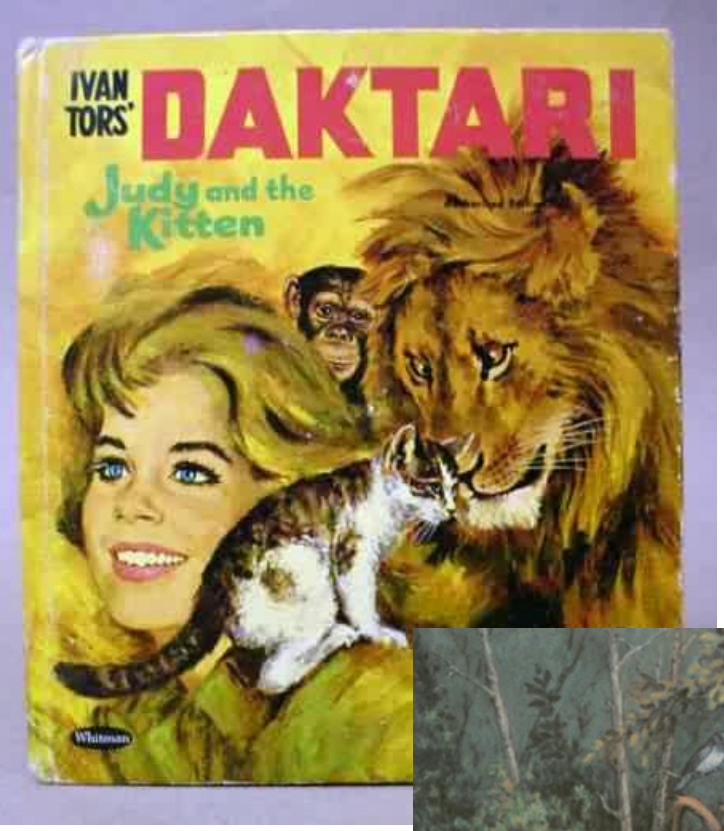
Faculté de médecine vétérinaire

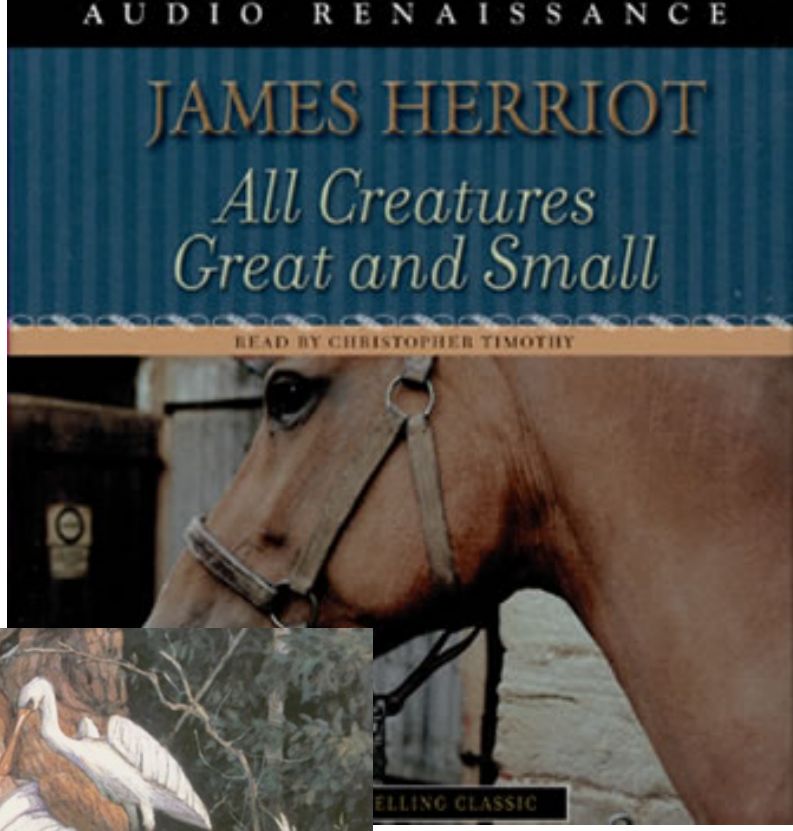
Université de Liège

Basic sciences in veterinary curriculum: control D?

Pierre Lekeux

DVM, PhD, Dipl ECVPT


IVAN TORS'
DAKTARI
Judy and the Kitten
Whitman


AUDIO RENAISSANCE
JAMES HERRIOT
All Creatures Great and Small
READ BY CHRISTOPHER TIMOTHY
ELLING CLASSIC

Information explosion

- new domestic animal species
- new clinical disciplines
- new regulations
- new IT and diagnostic technologies
- new requirements at the level of specialised knowledge & know-how

Basic sciences

- Non-specific basic sciences
- Morphological sciences
- Functional sciences
- Microbiology

Non-specific basic sciences

- Physics
- Chemistry
- Animal & plant biology
- Biomathematics

Non-specific basic sciences

- Physics
- Chemistry
- Animal & plant biology
- Biomathematics
- IT
  - foreign languages
  - bibliographical search
  - Access to data bases
  - …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Morphological sciences

- Embryology
- Histology
- Anatomy


NEWSin3D.com

Functional sciences

- Molecular biology
- Biochemistry
- Genetic & genomic

Molecular biology for veterinary students

- Understanding of the concepts
- Knowledge of terminology
- Understanding of the main technologies
- Understanding of the potential clinical & research applications

Functional sciences

- Molecular biology
- Biochemistry
- Genetic & genomic

- Physiology
- Immunology
- Ethology & animal welfare


BEER BEER BEER

Microbiology

- Bacteriology
- Parasitology
- Virology
- Epidemiology


WATCH
FOR
ICE

Early motivation for

- Food hygiene
- Farm animals
- Scientific research


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Early motivation for