Basic sciences in veterinary curriculum: control D?

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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
  - …
Morphological sciences

• Embryology
• Histology
• Anatomy
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
Microbiology

- Bacteriology
- Parasitology
- Virology
- Epidemiology
Early motivation for

- Food hygiene
- Farm animals
- Scientific research
Early motivation for