

## Année unique

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### Cours obligatoires

VCER0041-1 *Certificat en sciences des animaux de laboratoire - catégorie C* - COLLÉGIALITÉ 90 - - 8

#### Composition du programme de cours :

Le programme est en anglais mais les cours sont donnés en langue française.

La liste des intervenants n'est pas figée. Toute modification est cependant soumise à l'approbation préalable du Service Public Fédéral.

- *Introduction and course organization* J. BALTHAZART, P. DUFOUR, L. DUWEZ,  
P. DRION, B. NICKS, M. VANDENHEEDE, A. VANDERPLASSCHEN, L. GILLET ;

- *Ethics of Animal Experimentation* V. DESPRET ;

- *Ethical Committees Illustrated by Examples* B. NICKS ;

- *Legal Aspects of Animal Experimentation* B. NICKS ;

- *Animal Welfare* M. VANDENHEEDE ;

- *Ethology of Experimental Animals* M. VANDENHEEDE ;

- *Nutrition of Experimental Animals : Rodents, Dogs, Cats and Monkeys* M. DIEZ ;

- *Morphology of Laboratory Animals : Rodents, Dogs, Cats and Monkeys (theoretical and practical)* A. GABRIEL ;

- *Distress suffering and Pain in Laboratory Animals* M. VANDENHEEDE ;

- *Anaesthesia of Experimental Animals* D. SERTEYN ;

- *Euthanasia of Experimental Animals* D. MARLIER ;

- *Specific Pathology of Rodents and Lagomorphs* D. MARLIER ;

- *Immunology of Experimental Animals* A. VANDERPLASSCHEN, L. GILLET ;

- *Reproduction Techniques* F. ECTORS ;

- *Reproduction* P. DRION ;

- *Hygiene of Personal* Y. COUNIOT ;

- *Zoonoses and Safety in Working with Experimental Animals* Y. COUNIOT ;

- *Zoonoses and Safety in Working with Experimental Animals* Y. COUNIOT ;

- *Genetics of Laboratory Animals* L. GROBET ;

- *Production of Monoclonal and Polyclonal Antibodies & Alternative Methods* F.

COLLARD ;

- *Physiology of Experimental Animal Rodents, Dogs, Cats and Monkeys* F. BUREAU,

N. KIRSCHVINK, L. FIEVEZ ;

- *Post-Mortem Examination* D. DESMECHT, D. CASSART ;

- *GLP- GCPV* J.L. BEAUDART ;

- *Housing of Experimental Animals* P. DRION ;

- *Hygiene of Facilities* E. BERGE ;

- *Diseases of Experimental Animals* ;

- *Parasitology* B. LOSSON, B. MIGNON ;

- *Practicals* G. GAUDRAY, T. WISLET, D. ROOSEN, L. DUWEZ, , L. SCHOLLIERS,

F. OLIVIER, P. DE RON, P. DRION ;

- *Specific Pathology of Dogs and Cats* C. CLERCX, F. BILLEN ;

- *Environmental Enrichment* M. VANDENHEEDE ;

- *Gnotobiology and Xenotransplantation* P. DRION ;

- *Literature Search* S. VANDENPUT ;

- *Pharmacokinetics and Pharmacodynamics* J.M. DOGNE, P. GUSTIN ;

- *Alternatives for Animal Experiments* E. HEINEN ;

- *Experimental Surgical Techniques* A. DELAUNOIS ;

- *Transgenesis and Clonage* L. GROBET ;

- *Radiobiology and Radioprotection* V. PIRLET ;

- *Diseases of Experimental Animals Bacteriology* J. MAINIL ;

- *Protocol Writing* E. THIRY ;

- *Statistics and Result Analysis* P. LEROY ;

- *Zebrafish in the Lab: Practical Aspects* M. WINANDY ;

- *Zebrafish in the Lab: in fashion or relevant model ?* M. WINANDY ;

- *Visit of Animal Facilities* P. DRION ;

- *Round Table with Ministry, BCLAS and University Representatives, Conclusion,*

J. BELOT, P. DRION, B. NICKS, A. VANDERPLASSCHEN, M. VANDENHEEDE,

J. BALTHAZART, L. GILLET.