

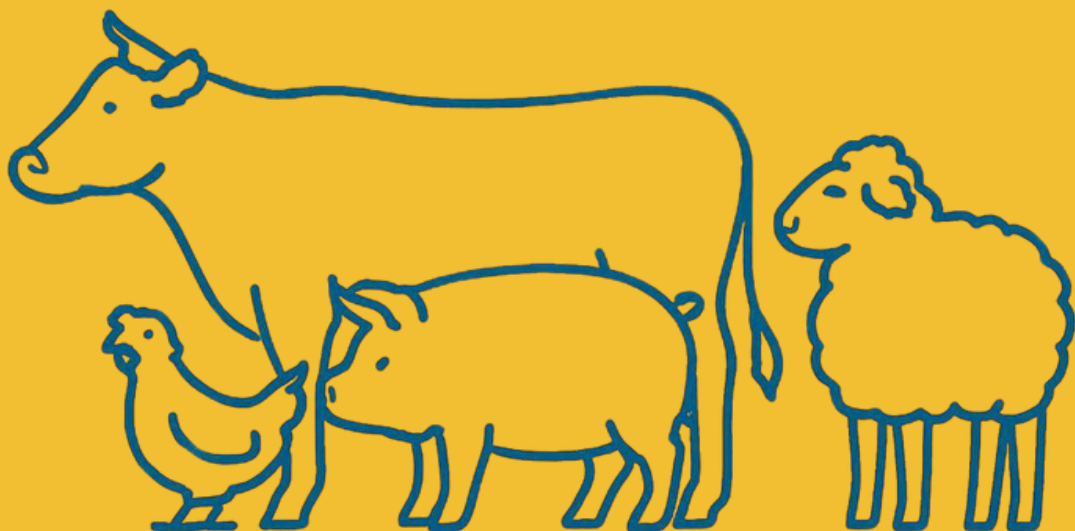


VETERINARY EPIDEMIOLOGY UNIT PRESENTS:

11TH BASIC SUMMER COURSE ON VETERINARY EPIDEMIOLOGY

**JOIN OUR INTENSIVE SUMMER PROGRAMME
AT GHENT UNIVERSITY AND ADVANCE YOUR
EPIDEMIOLOGICAL SKILLS**

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INTRODUCTION

EPIDEMIOLOGY IN VETERINARY MEDICINE IS BECOMING INCREASINGLY IMPORTANT FOR EVERYONE ACTIVE IN VETERINARY PRACTICE, RESEARCH, CONSULTANCY, ORGANIZATION AND REGULATION OF ANIMAL PRODUCTION.

THE AIM OF THIS SUMMER COURSE IS TO MAKE ALL PARTICIPANTS FAMILIAR WITH THE KEY ASPECTS OF VETERINARY EPIDEMIOLOGY IN A PRACTICAL AND APPLIED MANNER. UPON COMPLETION OF THIS COURSE PARTICIPANTS SHOULD BE FAMILIAR WITH ALL BASIC CONCEPTS OF VETERINARY EPIDEMIOLOGY, BE CAPABLE OF CRITICALLY READING AND UNDERSTANDING SCIENTIFIC LITERATURE AND PERFORMING BASIC STATISTICAL AND EPIDEMIOLOGICAL ANALYSES. MOREOVER, THE PARTICIPANTS SHOULD BE READY TO DESIGN OBSERVATIONAL, ANALYTICAL OR CLINICAL STUDIES AND TO CRITICALLY ANALYZE THE RESULTS. FURTHERMORE THE PARTICIPANTS WILL BE INTRODUCED TO SEVERAL ASPECTS OF MORE ADVANCED EPIDEMIOLOGICAL TOOLS.

THE COURSE WILL BE ORGANIZED AS A TWO WEEK SUMMER COURSE (14 SEPTEMBER - 25 SEPTEMBER 2026) CONSISTING OF 10 COURSE DAYS. EVERY DAY WILL BE FILLED WITH A MIXTURE OF THEORETICAL TRAINING AND PRACTICAL APPLICATIONS. AT THE END OF THE COURSE THERE WILL BE THE POSSIBILITY TO PARTICIPATE IN A "TAKE-HOME" EXAM. IN ADDITION TO ON-SITE PARTICIPATION, THE SUMMER COURSE IS ALSO AVAILABLE ONLINE.

THE COURSE WILL BE TAUGHT BY DIFFERENT EXPERIENCED LECTURERS WITH AMPLE THEORETICAL AND PRACTICAL KNOWLEDGE.





PARTICIPANTS

THE COURSE IS INTENDED FOR EVERYBODY WHO IS CONFRONTED WITH EPIDEMIOLOGICAL QUESTIONS IN THEIR PROFESSIONAL ACTIVITIES (SUCH AS PRACTICE, DISEASE CONTROL, SCIENTIFIC RESEARCH AND LEGISLATION) AND IS OPEN TO VETERINARIANS AS WELL AS ANY OTHER MASTER DEGREE IN THE FIELD OF BIOMEDICAL SCIENCES OR BIOENGINEERING. NO SPECIFIC PRIOR EPIDEMIOLOGICAL OR STATISTICAL KNOWLEDGE IS REQUIRED.

ALTHOUGH THE MAJORITY OF EXAMPLES ARE FROM THE FIELD OF VETERINARY MEDICINE, THE COURSE TOUCHES ON ALL GENERAL PRINCIPLES OF EPIDEMIOLOGY AND IS THEREFORE EQUALLY INTERESTING TO PARTICIPANTS FACING EPIDEMIOLOGICAL QUESTIONS IN NON-VETERINARY DOMAINS (E.G. HUMAN MEDICINE, PLANT DISEASES, FOOD SAFETY)

TARGETED AUDIENCE

MASTER IN VETERINARY MEDICINE
MEMBERS OF EUROPEAN BOARD OF
VETERINARY SPECIALISTS (INTERNS &
RESIDENTS)
PHD STUDENTS

LECTURERS

J. DEWULF (PROF, DVM, MSC, PHD, DIPL ECVPH)

PROFESSOR IN VETERINARY EPIDEMIOLOGY,
DEPARTMENT OF INTERNAL MEDICINE,
REPRODUCTION AND POPULATION MEDICINE.
FACULTY OF VETERINARY MEDICINE, GHENT
UNIVERSITY.

S. DE VliegHER (DVM, MSC, PHD, DIPL ECVPH)

PROFESSOR IN VETERINARY LEGISLATION AND
PRACTICE MANAGEMENT, DEPARTMENT OF
REPRODUCTION, OBSTETRICS AND HERD
HEALTH. FACULTY OF VETERINARY MEDICINE,
GHENT UNIVERSITY.

**D. MAES (DVM, MSC, PHD, DIPL ECVPH,
DIPL ECPHM)**

PROFESSOR IN PORCINE HERD HEALTH
MANAGEMENT, DEPARTMENT OF
REPRODUCTION, OBSTETRICS AND HERD
HEALTH. FACULTY OF VETERINARY MEDICINE,
GHENT UNIVERSITY.

G. VAN SCHAik (MSC, PHD)

PROFESSOR IN MONITORING AND
SURVEILLANCE OF FARM ANIMAL HEALTH,
DEPARTMENT OF FARM ANIMAL HEALTH,
FACULTY OF VETERINARY MEDICINE, UTRECHT
UNIVERSITY, THE NETHERLANDS.

I. CHANTZIARAS (DVM, PHD, DIPL ECVPH)

ASSOCIATE PROFESSOR AND
CHAIR OF BIOSECURITY IN ANIMAL
PRODUCTION. DEPARTMENT OF INTERNAL
MEDICINE, REPRODUCTION AND POPULATION
MEDICINE. FACULTY OF VETERINARY
MEDICINE, GHENT UNIVERSITY.

G. FOURNIÉ (DVM, MSC, PHD)

RESEARCH DIRECTOR, HEALTH ECOLOGY AND
SPATIAL EPIDEMIOLOGY OF EMERGING
PATHOGENS AND VECTORS, SITE OF MARCY-
L'ÉTOILE, VETAGRO SUP VETERINARY
CAMPUS.

N. CAEKEBEKE (DVM, PHD)

CHIEF EXECUTIVE OFFICER AT
BIOCHECK.UGENT.

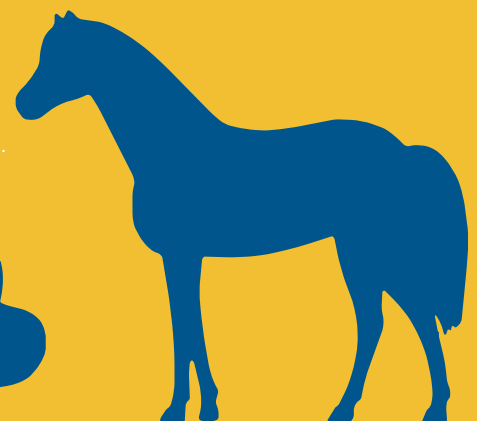
**N. SARNINO (DVM, DIPL ECVPH, PHDC FU
BERLIN)**

SCIENTIFIC RESEARCH ASSOCIATE AT LUDWIG
MAXIMILIAN UNIVERSITY OF MUNICH,
COMPETENCE CENTRE FOR FOOD SAFETY,
CHAIR OF FOOD MICROBIOLOGY.

E. CATTANEO (M.SC.)

PHD STUDENT

GHENT UNIVERSITY, DEPARTMENT OF
INTERNAL MEDICINE, REPRODUCTION AND
POPULATION MEDICINE. FACULTY OF
VETERINARY MEDICINE, GHENT UNIVERSITY.



PROGRAM

DATA MANAGEMENT

(S.DE VLEGHER)

FREQUENCY MEASURES

(S.DE VLEGHER)

DIAGNOSTICS, ACCURACY AND PRECISION

(J. DEWULF)

SAMPLE SIZE CALCULATIONS

(J.DEWULF)

STATISTICS IN EPIDEMIOLOGY, A PRACTICAL APPROACH

(I.CHANTZIARAS, E.CATTANEO)

ONE HEALTH GAME

(J.DEWULF)

OBSERVATIONAL STUDIES, DESIGN AND DATA ANALYSIS

(J.DEWULF)

MONITORING AND SURVEILLANCE

(G.VAN SCHAİK)

MODELLING OF INFECTIOUS DISEASES

(G.FOURNIÉ)

CLINICAL TRIALS

(D.MAES)

QUESTIONNAIRE DESIGN

(N.CAEKEBEKE)

ASSOCIATION AND CAUSALITY

(J.DEWULF)

INTRODUCTION TO QUALITATIVE AND QUANTITATIVE RISK ASSESSMENT

(I.CHANTZIARAS, N.SARNINO, E.CATTANEO)

OUTBREAK INVESTIGATION AND DISEASE CONTROL

(J.DEWULF)

SYSTEMATIC REVIEW AND META-ANALYSIS

(SPEAKER TO BE ANNOUNCED)

BIOSECURITY AND ON-FARM VISIT

(J.DEWULF)

ALL COURSE DAYS START AT 9H AND END AT 17H
COFFEE BREAKS AT 10H30 AND 15H
LUNCH BREAK FROM 12H30-13H30

REGISTRATION & FUNDING

INFO

THE COURSE FEE IS €1500.

THE ONLINE VERSION OF THE COURSE IS AVAILABLE AT A REDUCED FEE OF €1275. HOWEVER, PARTICIPANTS FOLLOWING THE COURSE ONLINE WILL MISS OUT ON SEVERAL ON-SITE ACTIVITIES, INCLUDING THE FARM VISIT AND THE ONE HEALTH GAME.

FOR PHD STUDENTS OF GHENT UNIVERSITY, THERE IS A REDUCED FEE OF €600, WHICH CAN BE REFUNDED BY THE DOCTORAL SCHOOLS (MORE INFORMATION ON THE BOTTOM OF THIS PAGE).

THE REGISTRATION FEE INCLUDES:

- ALL COURSE NOTES
- ALL THEORETICAL AND PRACTICAL COURSES
- COFFEE BREAKS ON ALL COURSE DAYS
- LUNCH DURING ALL COURSE DAYS (EXCEPT FOR PHD STUDENTS OF GHENT UNIVERSITY)

FUNDING

MEMBERS OF THE DOCTORAL SCHOOL OF LIFE SCIENCES AND MEDICINE OF GHENT UNIVERSITY CAN INCLUDE THE COURSE AS ONE OF THE THREE SPECIALIST COURSES IN THE MINIMUM SET OF ACTIVITIES. PHD STUDENTS THAT ARE A MEMBER OF THE DS CAN RECEIVE A 600 EURO REIMBURSEMENT. FOR FUNDING THROUGH THE DOCTORAL SCHOOL PLEASE FOLLOW THE PROCEDURE AS DESCRIBED IN:

[HTTPS://WWW.UGENT.BE/DOCTORALSCHOOL/EN/DOCTORALTRAINING/COURSES/FUNDINGOPPORTUNITIES/OVERVIEW.HTM](https://www.ugent.be/doctoralschool/en/doctoraltraining/courses/fundingopportunities/overview.htm)

COURSE MATERIAL

FOR THE EXERCISES EVERY STUDENT IS REQUESTED TO BRING HIS / HER OWN LAPTOP. IF YOU DO NOT HAVE ACCESS TO A LAPTOP PLEASE CONTACT US ON BEFOREHAND SO THAT WE CAN TRY TO FIND A SOLUTION.

AS THE STATISTICAL ANALYSIS COURSE IS CONCERNED, THIS COURSE WILL GIVE AN OVERVIEW OF THE BASICS OF STATISTICAL CONCEPTS AND HYPOTHESIS TESTING. THE PRACTICAL EXERCISES ARE TAUGHT IN THE OPEN SOURCE SOFTWARE PACKAGE R.

ALL COURSES WILL BE GIVEN IN ENGLISH.



LOCATION & HOUSING

ALL COURSES WILL TAKE PLACE AT THE FACULTY OF VETERINARY
MEDICINE OF GENT UNIVERSITY
(SALISBURYLAAN 133, 9820 MERELBEKE, BELGIUM)

FOR ACCOMMODATION, SEVERAL HOTELS AND BED & BREAKFASTS ARE
AVAILABLE IN THE SURROUNDING AREA. EXAMPLES INCLUDE:

- LA CLÉ DU SUD
- DEN ATELIER
- PEPERKOEKENHUISJE
- ROOM IN MERELBEKE
- CAMPANILE GENT
- HOLIDAY INN GENT EXPO

