

# Swine training programme overview



#### What makes us unique:

- Unique combination of animal health expertise, R&D and diagnostics
- We operate one of the largest state of the art veterinary laboratories worldwide
- Combination of theoretical and hands-on training
- GD is an independent organisation
- Over a 100 years of experience

## Enhance your knowledge with GD Academy

**With over a 100 years of experience, Royal GD is still ahead in animal health. The combination of diagnostics and animal health expertise is what makes us unique. We support industrial customers, integrators, authorities, the veterinary pharmaceutical and feed industry, veterinarians and farm managers by providing animal health programmes and laboratory diagnostic services.**

### GD Academy

Let us help you achieve your goals! GD Academy is our education institute and can provide you with the latest information for your area of expertise to make you stand out from the crowd. We offer custom made programmes related to animal diseases as well as on the implementation of veterinary diagnostic test methods.

Our focus is on pigs, bovine, poultry, sheep and goats. The animal health experts discuss current topics from theory to practice. This makes the acquired knowledge immediately applicable. Besides, our experts provide lectures and keynotes all over the world to share our knowledge.



#### Target groups are for example:

- veterinarians
- technical managers
- farm managers
- laboratory managers and technicians
- integrators
- veterinary pharmaceutical industry
- feed industry

## Our custom made swine training programmes

We offer an interactive programme featuring classroom sessions, farm visits and discussion of specific cases related to a subject, with our experts. During the programme there is plenty of time for interaction with these experts. Compile your own custom made programme by selecting the topics of your interest from the list below. These topics are available at the basic or advanced level, in a one-day or multi-day training course. Organised at the GD Academy in Deventer, the Netherlands, all over the world, or online.

### General

- **Biosecurity, sanitation, disinfection and risk management**  
Principles and considerations related to biosecurity, sanitation and disinfection of swine farms.
- **Laboratory tests and interpretation of laboratory results**  
How do the various laboratory techniques work and how can they be deployed to improve swine health?
- **Prevention, control and monitoring systems of diseases**  
How to establish disease monitoring systems in swine farming, and interpret the results?
- **Piglet vitality**  
How to improve the health and vitality of piglets? By rendering piglet vitality measurable, we provide insight into piglet vitality, which in turn will lower piglet mortality rates and increase piglet survival rates.
- **Sustainable production**  
How to reduce the use of antibiotics and start producing antibiotic-free pork?

### Most common infectious problems

- **Respiratory health disease**  
What is the anatomy and the pathology of the respiratory system and which main pathogens (PRRSv, M. hyopneumoniae, Influenza A and Actinobacillus pleuropneumoniae) cause respiratory problems? Besides their dependency on the pathogens, how dependent are respiratory diseases on ambient factors, management and genetic factors?
- **Intestinal disease**  
What is the anatomy and the pathology of the digestive system and which main pathogens cause problems? What is the clinical condition of PEDv, Lawsonia, Salmonella, E.coli? What are the clinical signs, how is the diagnosis made and how can the disease be eliminated?
- **Viral diseases**  
How is the diagnosis made, what are the risk factors and what is the approach at group level to Porcine Reproductive and Respiratory Syndrome (PRRSv), the influenza virus (SIV), porcine circovirus type 2 (PCV2) and pseudo-rabies (Aujeszky's disease, not present in the Netherlands)?
- **Bacterial diseases**  
What are the risk factors of Mycoplasma hyopneumoniae, Actinobacillus pleuropneumoniae (App), Bordetella bronchiseptica; Pasteurella multocida, Streptococcus suis, Glaeserella parasuis (Glässer); Mycoplasma and Salmonella? And how to limit these risk factors? Does this reduce the risk of losses, poor feed conversion and retarded growth? And what examination will provide insight? And what is the correct interpretation of the results?

### Practical

- **Cases**  
Interactive case discussion. How to tackle a pathological problem? From clinical reasoning, via the deployment of diagnostics, to a plan of approach.
- **Laboratory tour**  
A tour of the GD laboratory in Deventer, the Netherlands.
- **Farm visits**  
Put the theory into practice and experience the management of a Dutch farm.



#### GD products and services

- Veterinary laboratory tests/FTA
- Proficiency testing schemes (PTS)
- Diagnostics: biological reagents
- Research & Development
- Consultancy
- Contract Research (CRO)
- Animal health surveillance
- GD Academy

Please contact us:

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#### What we offer you

- Training in the Netherlands as well as in your country.
- Live or online training.
- Full proficiency in English or Dutch, translation possible.
- Included: programme development and execution, learning materials, basic catering (drinks and lunch), certificate of attendance, access to our digital learning environment.
- Optional: additional excursions, specific speakers, diner and/or specific catering, transport, overnight stay.
- Development of e-learning modules.



*"As a European swine health specialist I have been committed to improving swine health for many years, in the interests of animals, human health and the environment. I see animal health as the precondition for continuing to produce swine and pork. "*

Manon Houben

