

ONE HEALTH SEMINAR SERIES

Diagnostics in Livestock with Focus on Pigs

The quality of any diagnosis at group or herd level strongly depends on a number of parameters that need to be considered in the holistic diagnostic concept for the particular case. Before starting a diagnostic process, veterinarians should decide not only which aim they want to achieve, but also which kind of laboratory method they would need for that aim and whether this is available and affordable. Future success is intensely relying on excellent knowledge about various sample sites in livestock including their advantages and disadvantages, the correct calculation of an appropriate sample size and the correct conduction of the sampling procedure itself. Finally, veterinarians have to synthesize information derived from the laboratory results and the additional data obtained during their clinical examination of a single animal or even a whole herd. Only consideration of all parameters and the results achieved under this setting allows a diagnosis of high quality and accuracy. This task can be transferred to, or handled by other actors (e.g. laboratories), whereas the content and state-of-the-art administration of this daily challenge is a unique characteristic of an outstanding veterinarian with expertise in herd health management. During this lecture, we will try to address and discuss the most important parameters of diagnostic procedures in livestock with focus on pigs.

CANCELLED

Time	Topic
9:00 – 10:30	Diagnostics in theory and practice (I)
11:00 – 12:30	Diagnostics in theory and practice (II)
14:00 – 15:30	Diagnostic methods - state of the art

ABOUT THE SPEAKER



Prof. Dr. med. vet. Heiko Nathues is a professor at the Vetsuisse Faculty of the University of Bern, Switzerland, where he is heading the clinic for swine. His primary areas of interest are diagnosis, epidemiology and control of porcine virus- and mycoplasmal-diseases. Current research is focused on modelling diseases in pig herds, the improvement of diagnostic methods and the determination of the economy and efficacy of methods to control the disease. He is also Honorary Professor at the Jiangsu Academie of Agricultural Science, Nanjing.

Prof. Nathues is a Diplomate of the European College of Porcine Health Management (ECPHM), certified as EBVS™ European Veterinary Specialist of Porcine Health Management and currently the President of the ECPHM. Before stepping into this role, he was member and subsequently chair of the examination committee of the ECPHM, and, thereafter, he became Secretary of the ECPHM. Since April 2017 he is representing the PHM college in the EBVS, and since April 2019 he is the Secretary of the EBVS and a member of the Executive Committee.

Date:
14 February 2020, Friday

Time:
9:30am – 15:30pm

Venue:
Room G408, Li Dak Sum Yip Yio Chin Academic Building, City University of Hong Kong

ALL ARE WELCOME

FOR REGISTRATION, PLEASE CONTACT MS. ELLEN YAN

Tel: (852) 3442 5201

Email: ellen.yan@cityu.edu.hk