

# The Danish Veterinary Consortium – First experiences

CPH pig Seminar January 2020

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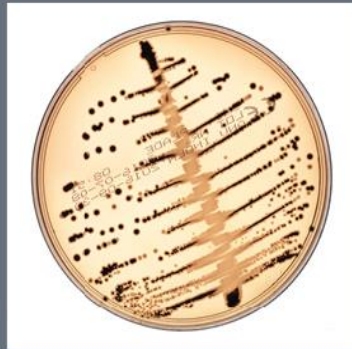
UNIVERSITY OF COPENHAGEN



# Outline

- 1. Establishment of the consortium**
- 2. Organisation**
- 3. Activities**

# History - status



Forskningsbaseret  
myndighedsbetjening på  
veterinærområdet

Udfærdiget af "Den Veterinære Myndighedsbetjening" ved  
KU-SUND/SSI - Marts 2017

- January 2017: Tender offer
- March 2017: Consortium agreement UCPH and SSI
- March 2017: Application
- June 2017: Approval
- Sept. 2017: Implementation plan
  - Organisation
  - Recruitment
  - Laboratory facilities
- Sept. 2018: Transition agreement signed
- January 2019: Partial impl.
- January 2020: Full impl.

# Danish Veterinary Consortium, DK-VET

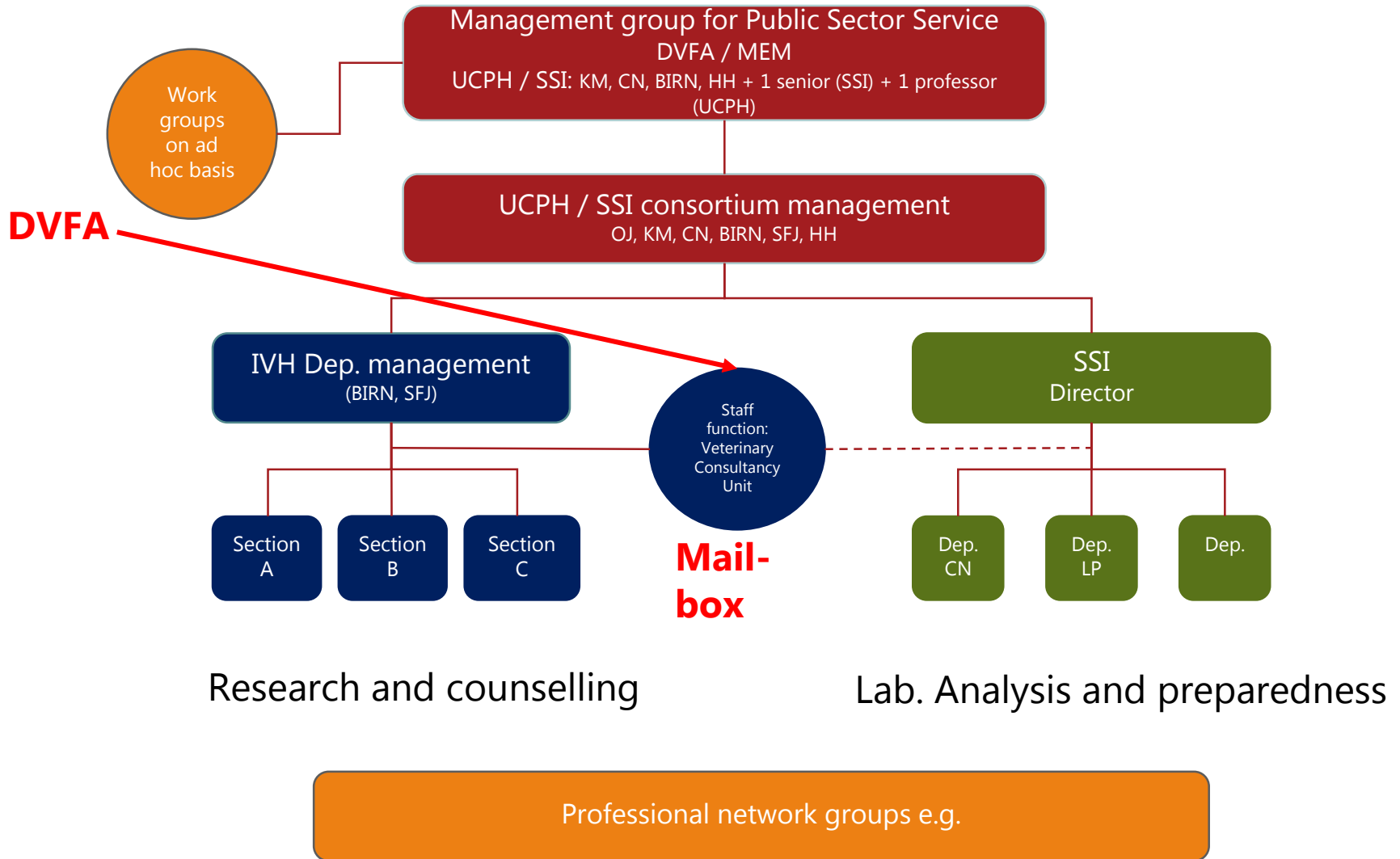


University of Copenhagen  
**Department of Veterinary and  
Animal Sciences**



STATENS SERUM INSTITUT

## Management and Cooperation – Public Sector Service



# Tasks for counselling - examples

- **Import risk assessment for ASF**
- **Sample size calculations for est. MRSA prevalence**
- **EFSA questions regarding ASF risk factors**
- **Quality check of translation**
- **MRSA – Norwegian experience and how can we use that in DK**
- **Action card Salmonellosis**
- **Risks of spreading notifiable infectious livestock diseases using shot wildlife and raw eggs as baits for the control of mink, raccoon dog and raccoon**

# Experts needed

## Specified in tender

**Virus infections**  
**Antibiotic resistance**  
**Microbiological infections**  
**Emerging diseases**  
**Pathology**  
**Health management cattle, pigs**  
**Epidemiology**  
**Parasitic diseases**  
**Health management poultry, aquaculture**  
**Vaccines and sera**  
**Diseases of the wild fauna**

## Additional specifications

**Risk assessment**  
**Modelling**  
**Clinical assessment**  
**Diagnostics**  
**Test evaluations**  
**Intervention strategies**  
**Trade assessments**  
**Evidence based medicine**  
**Quality control**  
**One health**  
**And others**

# Projects related to pigs

- **Epidemiological and economical consequences of different control strategies for ASF in the pig and wild boar populations - Influence of bloodsucking flies, environment, feed**
- **ASF and FMD-vaccine development**
- **Collection and update of data to support existing simulation models for spread of FMD and ASF**
- **Evaluation of the process and time elapsed from appearance of disease symptoms in herds and until interventions are implemented**
- **Monitoring of mosquitoes, midges, mechanic vectors and ticks**



# Projects related to pigs

- **Activities related to viral diseases, which are important in relation to production**
- **Secure competences and technology development within diagnostics of non-notifiable viruses**
- **Risk analysis and monitoring of avian and swine influenza - Spatio-temporal hotspot analysis**
- **Evidence-based use of VETSTAT- Data-based health surveillance in pigs**
- **Development of methods and procedures for diagnostics and health management in pigs to strengthen the efforts towards responsible use of antimicrobials**

# Projects related to pigs

- **Identification and characterization of antimicrobial resistance (AMR) of clinical and zoonotic relevance in the Danish pig production.**
- **Investigation of colonisation with *Staphylococcus aureus* and other staphylococci in the pig gut and whether these influence each other**
- **Gut health in pigs - Investigation of the role of the microbiome in gut health as well as the impact of host-microbiome interaction**
- **Individual clinical characterisation of the pigs, where the total clinical observations for each pig are used as a basis for the omics-analyses**

# Summary of experiences

- **Competences in place for consultancy**
- **Busy if many hasty cases**
- **Smooth communication between UCPH, SSI and DVFA**
- **Administrative procedures in place including quality insurance**
- **A lot of synergy in collaborative projects including one health aspects**
- **A lot of synergy concerning data sharing and big potential concerning “big data” and in many other areas**

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## Danish Veterinary Consortium



### News

New cat project generates a lot of collaboration across the veterinary departments

In the coming years Ida Sophie Thuesen, DVM and newly employed ph.d.-student, will together with her [...](#)

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# **Goal: Improve human and animal health - a one health consortium**

**Thank you**