2012 WORKSHOP ON ALTERNATIVES TO LEPTOSPIROSIS BATCH POTENCY TEST

26-27 January 2012
Duration: 1 day, Location: EDQM Strasbourg, France
Working language: English
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PROGRAMME

Thursday, 26 January 2012

13:30-14:00 Registration

MODERATOR: Dr Els Goossens,
Veterinary and Agrochemical Research Centre

14:00-14:05 **Opening and general introduction to the programme**
Dr Emmanuelle Charton, Deputy Head of the European Pharmacopoeia Department, EDQM, Council of Europe

14:05-14:25 **Developments over the last 10 years: Alternative to animal challenge tests in the batch control of leptospira vaccines for veterinary use – Pharmeuropa Bio 99-2**
Dr Lukas Bruckner, Institute of Virology and Immunoprophylaxis (CH)

14:25-14:45 **Leptospirosis: need for multi-serovar vaccines - Occurrence in animals in Belgium and Europe**
Dr Els Goossens, Veterinary and Agrochemical Research Centre (BE)

14:45-15: 05 **Analysis of multiple *Leptospira* vaccine proteomes and identification of LipL32 as a potential biomarker for potency**
Dr Nicholas Coldham, Animal Health and Veterinary Laboratories Agency (UK)

15:05-15:15 **Discussion, Q&A**

15:15-15:35 **Protein profiling of inactivated Leptospira vaccines - an alternative to animal testing?**
Dr Elisabeth Balks, PEI (DE)

15:35-15:45 **Discussion, Q&A**

15:45-16:15 *Coffee break*

16:15-16:35 ***Leptospira Hardjo* vaccine potency testing based on ELISA alternative**
Dr Zbigniew Arent, OIE Leptospira Reference Laboratory, Veterinary Sciences Division, Belfast (UK)

16:35-16:45 **Discussion, Q&A**

16:45-17:05 **Development of *in vitro* potency tests for a bivalent canine leptospirosis vaccine**
Dr Eric Klaasen, INTERVET (NL)

17:05-17:15 **Discussion, Q&A**

17:15-17:35 **Leptospira *in vitro* potency test: ELISA alone will not do the job**
Dr Jean Reyes, MERIAL (FR)

17:35-18:30 **Discussion, Q&A**

Friday, 27 January 2012

MODERATOR: Dr Lukas Bruckner,
Institute of Virology and Immunoprophylaxis

9:00-9:20 **Leptospira potency testing- experience and challenges (a view from Pfizer)**
Dr Catrina Stirling, PFIZER (UK)

9:20-9:40 **Leptospirosis Batch Potency Tests on human vaccine: similarities and differences with veterinary vaccines**
Dr Jérôme Denis, IMAXIO (FR)

9:40-10:00 **The Biological Standardisation Programme and how to participate in a Collaborative study organised by the EDQM**
Dr Karl Heinz Buchheit, Deputy Head of Department of Biological Standardisation, Network of OMCL & HealthCare, EDQM

10:00-10:20 **Discussion, Q&A**

10:20-10:50 *Coffee break*

10:50-13:00 **Summary of presentations, main items for discussion and difficulties to overcome, Q&A**
Dr Els Goossens, Veterinary and Agrochemical Research Centre
Dr Lukas Bruckner, Institute of Virology and Immunoprophylaxis
Ms Catherine Lang, Scientific Officer, European Pharmacopoeia Department, EDQM, Council of Europe

General Discussion & Conclusions: Defining a strategy.