



Veterinary Big Data Stakeholder Forum Agenda

1 – 2 June 2021

VIRTUAL EVENT

Day 1

14:00 CEST **Registration / connection to virtual room and technical checks**

[Registration link](#)

14:15 CEST **Welcome**

Emer Cooke, Executive Director, EMA

5'

Dr Ivo Claassen, Head of Veterinary Division, EMA

5'

Prof. Thomas Heberer, HMA Management Group

5'

14:30 CEST **Session 1: Big Data in the management of Veterinary Health**

Moderator: Ilaria Del Seppia, EMA

Session outlines and objectives: setting the scene and raising awareness on the use of new digital solutions in the veterinary regulation addressing:

- Data Nature and Environment
- Opportunities and challenges
- Prospects of synergies and cross-domain learning



EUROPEAN MEDICINES AGENCY
SCIENCE MEDICINES HEALTH

HMA
Heads of Medicines Agencies

Big Data and RWE in the veterinary domain: stakeholders' perspective

Industry – *Jeroen van de Ven, MSD Animal Health Intelligence Global* 20'

Animal Health professionals – *Nancy De Briyne, FVE* 20'

Farm management service – *Dr Joachim Lübbo Kleen, CowConsult* 20'

Animal Health service – *Emma Strömfelt and Ulrich Göggerle, AniCura Group* 20'

15:50 CEST Coffee break

16:00 CEST Big Data and RWE in the veterinary domain: Regulators' perspective

Health Canada - *Dr Elise Tatone and Dr Andrea Osborn* 20'

FDA - *Dr Errol Strain* 20'

SVA - *Dr Fernanda Dórea* 20'

EMA - *Dr Peter Arlett* 20'

Discussion and closing remarks 25'

17:45 CEST End of day 1



Day 2

09:00 CEST Connection to virtual room and technical checks

[Registration link](#)

09:15 CEST Session 2: Big Data in the monitoring of efficacy and risks

Session outlines and objectives:

- Concrete concepts and applications of new digital technologies in key regulatory areas
- Identify key actions to inform the European Veterinary Big Data Strategy work plan.

(i) Big data in antimicrobial usage and biosecurity data collection in animal production, current state and future opportunities **25'**

Moderator: Zoltan Kunsagi, EMA

Prof. Jeroen Dewulf, Veterinary Epidemiology Unit, Ghent University

Discussion and the way ahead **25'**

(ii) Managing Big Data for Environmental Risk Assessment of Human Pharmaceuticals **25'**

Moderator: Dr Michael Empl, EMA

Prof. Ad Ragas, Department of Environmental Science, Radboud University

Discussion and the way ahead **25'**

10:55 CEST Coffee break

11:10 CEST (iii) Big Data and Veterinary Pharmacovigilance **25'**

Moderator: Jos Olaerts, EMA

Ronnie Bhui, Boehringer Ingelheim Vetmedica GmbH

Discussion and the way ahead **25'**



(iv) RWE Examples of Big data to support efficacy and effectiveness **25'**

Moderator: Dr Sandra Bertulat, BVL

Dr Cat Stirling and Dr Andrea Wright, Zoetis

Discussion and the way ahead **25'**

12:50 CEST Lunch break

14:00 CEST Session 3: New data sources and advanced analytic solutions for veterinary regulation

Moderator: Dr David Murphy, Committee for Medicinal Products for Veterinary Use

Session outlines and objectives: present visionary principles and concrete experience on

- Data science to power regulatory decisions
- Availability of Big Data and Real-World Evidence (RWE) sources in veterinary domain
- Required infrastructures for a successful implementation of new digital tools and advanced analytics solutions.

Data Science: emerging opportunities and challenges for regulatory decision making **25'**

Prof. Ciro Cattuto, University of Turin

Next Level Animal Sciences: Big Data in the livestock domain **25'**

Dr Claudia Kamphuis, Wageningen University

Experience in implementation new digital solutions in the regulatory domain **20'**

Ermanno Cavalli, EFSA

Open audience discussion and conclusions **25'**

15:35 CEST Coffee break



15:50 CEST Session 4: The way ahead

Moderator: Dr Ivo Claassen, EMA

Session outlines and objectives: to learn insights and contribute to the European Veterinary Big Data strategy.

Proposal for a European Veterinary Big Data Strategy **25'**

Prof. Thomas Heberer, HMA Management Group

Dr Ivo Claassen, EMA

Round table and open audience discussion **45'**

Klaus Hellmann (AVC), Rick Clayton (AnimalhealthEurope), Hesha Duggirala (FDA/CVM) and Rens van Dobbenburgh (FVE)

The European Veterinary Big Data Strategy - Next Steps **10'**

Ricardo Carapeto Garcia, AEMPS

17:10 CEST Closing remarks **10'**

Dr Ivo Claassen

17:20 CEST End of meeting

