



**Animal Testing for Vaccines – Implementing Replacement, Reduction and Refinement:
Challenges and Priorities**

**Organized by
The International Alliance for Biological Standardization
IABS**

**Bangkok, Thailand
December 3-4, 2019**

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Provisional agenda

Day 1 – Tuesday, December 3, 2019

8:00 **Registration**
9:00 am **Welcome Remarks**

Session 1 – Animal use and 3Rs

9:30 Introductory talk: animals in batch testing, needs for 3Rs.
9:50 Safety testing and 3Rs: general overview
10:15 1st test specific short talk on 3Rs achievements
10:30 2nd test specific short talk on 3Rs achievements
10:45 3rd test specific short talk on 3Rs achievements
11:00 Coffee break
11:30 Potency testing and 3Rs: general overview
11:55 1st specific talk on 3Rs achievements
12:10 2nd specific talk on 3Rs achievements
12:25 3rd specific talk on 3Rs achievements
12:40 Lunch

Session II - Improved characterization using non-animal methods

14:00 Product characterization in modern vaccine development
14:25 Product characterization by non-animal methods: general overview
14:50 The Vac2Vac project focusing on consistency in production
15:15 1st example of current strategies to characterize products
15:30 2nd example of current strategies to characterize products
15:45 3rd example of current strategies to characterize products

Session III - Regulatory challenges & opportunities (Part 1)

16:00 What did we learn from the past
16:20 Validation: from 1 : 1 correlation to safe harbor

- 16:40 Regulatory acceptance and international aspects restricting 3Rs implementation: a hurdle or a challenge?
- 17:00 Selection of posters: short presentations, 5 minutes each
- 17:40 Speed dating: meet the expert
Several experts will be available – in an informal setting (reception room) for questions/discussions with individual participants. Each discussion has a maximum of 5 minutes
- 18:30 **End of Day 1**

Day 2 – Thursday, December 4, 2019

Session IV – Regulatory challenges & opportunities (Part 2)

- 9:00 Communication and collaboration of regulatory bodies and industry
- 9:30 Testing versus characterization
- 9:50 Statements of various organization (WHO, EP, OIE, FDA/USDA, DCVMN, BMGF, PATH.....) each 10 minutes.
- 11:00 Coffee break
- 11:30 Workshops (participants can attend two of three workshops)
Workshop 1. Harmonization, acceptance, Implementation, validation
Workshop 2. Non-animal testing and product characterization
Workshop 3. Needs of emerging economies (financial, training, materials/ reagents, etc.)
- 13:00 Lunch
- 14:00 Workshops
Workshop 1. Harmonization, acceptance, Implementation, validation
Workshop 2. Non-animal testing and product characterization
Workshop 3. Needs of emerging economies (financial, training, materials/ reagents, etc.)
- 15:30 Coffee break

Session V – Plenary discussion: conclusions and recommendations of the workshops

- 16:15 Conclusions and recommendations of the workshop
- 17:15 The way forward
- 18:00 **End of conference**