

BSL-3+ Biocontainment CFIA, NCFAD - Animal Care Unit



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Session 4:

RVF Research Needs and Priorities

- Desired Characteristics of next generation veterinary vaccines.
 - Prevent transmission
 - One dose
 - Onset of immunity characterized
 - Duration of immunity characterized
 - DIVA strategy
 - Safety profile for humans, (non-human primates)
 - Assess potential for vector transmission
 - Application for trade
 - i.e. increase possibility to continue free trade by validated methods to verify vaccination or exposure status of animals for export/import.
 - Possible multivalent vaccines
 - Thermo stability a plus



Session 4: RVF Research Needs and Priorities

□ Human Vaccines

- Develop animal models for regulatory approval
- Identify human correlates of efficacy in animal models
- Assess human risk population for possible vaccine use.
 - (i.e. abattoir workers, veterinarians, animal caretakers.

□ Basic epidemiology in outbreak areas.



It is big problem but can be solved
by cooperation.



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