

# Workshop: Implementing Non-animal Approaches to Human and Veterinary Vaccine Testing: Achieving Scientific and Regulatory Success for Rabies and Beyond

October 16-17, 2018

National Institutes of Health, Bethesda, Maryland

*The workshop agenda as well as speaker and poster abstracts are included in the e-book. The e-book and speaker slides are posted on the web ([e-book](#)\* and [slides](#)\*\*).*

NICEATM and the International Alliance for Biological Standardization – North America (IABS-NA) co-organized this workshop. Over 60 scientists from government, academia and industry developed recommendations to advance alternative methods for human and veterinary rabies virus vaccine testing. A series of presentations on Day 1 detailed the current state of the science of nonanimal alternatives to traditional animal-based rabies virus vaccine potency and safety tests. Separate breakout group discussions on Day 2 focused on the steps necessary for implementing alternatives for veterinary and human rabies virus vaccine potency testing. Participants identified actions and data needed for further progress and laid the foundation for a roadmap towards successful implementation of alternative tests. Meeting outcomes and associated conclusions will be summarized in a workshop report that will be submitted to the journal *Biologicals*.

\* <http://nonanimal-approaches-to-vaccine-testing.iabs.org/ebook-3Rs.pdf>

\*\* <https://www.iabs.org/index.php/documents/conferences/2018/3rs-nonanimal-approaches-to-human-and-veterinary-vaccine-testing/slides-7>