



The One Health Diagnostic and Technology Development Laboratory

The One Health Diagnostic and Technology Development Laboratory develops and optimizes new methods to detect known and novel viruses in wildlife. The overall aim of this diagnostic laboratory is to evaluate the impact of disease and the potential for spillover to other species.

The laboratory contributes to One Health in numerous ways:

- Provides diagnostic testing and support to members of the national Marine Mammal Health And Stranding Network, wildlife biologists, marine animal scientists and marine animal clinicians.
- Supports laboratories in 20 countries and transfers technologies to facilitate continued accessibility of developed diagnostics
- Develops and optimizes new methodologies for detecting and tracking diseases
- Monitors disease and health for surveillance of marine and terrestrial wildlife and their environments
- Assists state and federal agencies to investigate new and emerging diseases by providing accurate and timely services efficiently and in a fiscally responsible manner
- Fosters mutually beneficial and productive research and training efforts across the UC Davis campus
- Initiates investigative projects to address emerging diseases, disease identification and disease epidemiology
- Exchanges information and knowledge that benefit animal health and contribute to the education of professional veterinary medical, graduate, undergraduate and post-doctoral students

Contact: Trina Wood, (530) 752-5257
3/2013