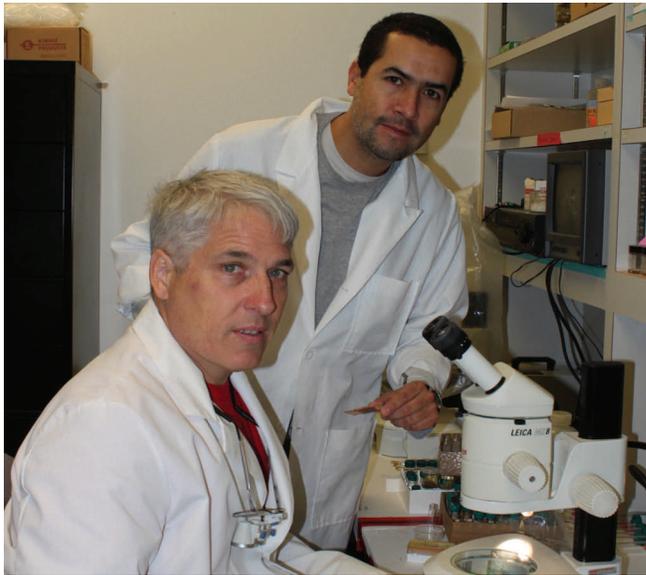




SALVADOR ROMERO: Mexico

Viral and Parasites diseases affecting humans, wildlife and livestock.



Salvador Romero is a Doctor of Veterinary Medicine and holds a Master of Science in natural resources. He works as a research professor at the College of Veterinary Medicine, Benemerit University Autónoma of Puebla, Mexico. He is currently on a two-month, IAEA-sponsored training fellowship in HW Manter Laboratory of Parasitology, at the State Museum and Veterinary Diagnostic Center of the University of Nebraska, Lincoln. He is working under the direction of Dr. Scott Lyell Gardner in the IAEA project MEX/10004.

Dr. Romero's researching interests are viral and parasites diseases which affect humans, wildlife and livestock, diseases ecology and conservation medicine. His goals during this training are to develop diagnostic techniques via identification using

morphology in helminthes and arthropods, to learn methods for necropsies, preservation of specimens and extraction procedures for DNA that are commonly used for species identification in systematic laboratories. Dr. Romero is also being trained in molecular diagnostic techniques for viruses and parasites through tests like ELISA (Enzyme Linked Immunoabsorbent Assay), and PCR (Polymerase Chain Reaction) in real time. All this work will contribute to the primary interests in his country such as collecting and surveying wild mammals to look for reservoirs of parasites and viral zoonotic diseases, and for emerging diseases detection contributing to human and animal health.

Trained 10/4/2010—12/3/2010