

EXPERT'S PROFILE

Name of Grantee : **HOMER D. PANTUA, DVM, PhD**
Area of Expertise : Virology and Immunology
Inclusive Date of Contract as BSP Awardee : Short-Term Program
Phase I: 29 February - 16 March 2012
Phase II: Pending
Host Institution : National Institute of Molecular Biology and Biotechnology
University of the Philippines Diliman
Contact Numbers : (02) 927 7516 / 0908-715-3289
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EDUCATIONAL BACKGROUND

PhD in Biomedical Sciences, University of Massachusetts Medical School, 2006
Doctor of Veterinary Medicine, University of the Philippines Los Baños, 1999

PROFESSIONAL EXPERIENCE

2007-Present	Senior Researcher Genentech, Inc. California, USA
2001-06	Graduate Researcher University of Massachusetts Medical School Massachusetts, USA
1999-2001	Project Manager Research Institute for Tropical Medicine Manila, Philippines
1999-2001	Animal Health Specialist/Consultant JV AgriCorp. Batangas, Philippines
1999	Project Manager Joseph Server and Associates
1998	Veterinary Pathology Intern Obihiro University of Agriculture and Veterinary Medicine Japan

TO BE ACCOMPLISHED AS BS AWARDEE:

- Assess the molecular diagnostic laboratory of UP-NIMBB and identify essential equipment for initial diagnostic services for priority diseases;
- Conduct lectures on Virology and development of vaccine platform;
- Contribute in the set-up of the Philippine Genome Center's core sequencing facility; and
- Hold discussions for potential collaboration and development of a project on genetic profiling of endemic infectious diseases that are essential for designing customized vaccines.