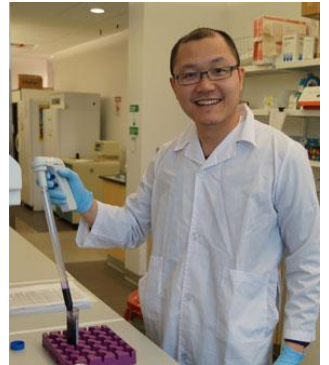


EXPERT'S PROFILE

Name of Grantee: MICHAEL C. VELARDE, PhD
Area of Expertise: Aging and age-related diseases with emphasis on women's health
Inclusive Dates of Contract: Long-Term Program
as BSP Awardee January 1, 2016 to December 31, 2018 (3 years)
Host Institution: Institute of Biology, University of the Philippines, Diliman



EDUCATIONAL BACKGROUND

PhD in Physiology and Biophysics, University of Arkansas for Medical Sciences, Little Rock, AR, 2007

BS in Biochemistry, University of the Philippines, Manila, 2001

PROFESSIONAL MEMBERSHIPS/AFFILIATIONS

- Philippine-American Academy of Science and Engineering (PAASE), 2011–Present
- American Aging Association 2014
- International Society for Stem Cell Research 2008
- The Endocrine Society 2004, 2006 - 2009
- SSR, 2005 - 2009
- American Association for the Advancement of Science (AAAS), 2006 - 2007

CERTIFICATION & LICENSES

Licensure:	2001 – 2005	Chemist (Philippine Board of Chemist)
Animal Certification:	2009 – Present	Mouse work (breeding, experiments, and skin biopsies) Buck Institute for Research and Aging
	2002 – 2007	Mouse work (breeding, experiments, and ovariectomy surgeries), UAMS/ACNC – #1334-02
Radioactive Use:	2006 – 2007	Radioimmunoassay (¹³¹ I)

PROFESSIONAL AND RESEARCH EXPERIENCE

2009 – present	Postdoctoral Fellow, Campisi Laboratory, Buck Institute for Research Aging, Novato, CA.
2007 – 2009	Postdoctoral Fellow, Department of OB/GYN and Reproductive Sciences, University of California, San Francisco, CA.
2001 – 2002	Laboratory Instructor II, Department of Physical Sciences and Mathematics, Univeristy of the Philippines, Manila

TO BE ACCOMPLISHED AS BS AWARDEE:

1. Create and maintain a cell culture bank of isolated mouse and human primary cells as a supplement to the Mammalian Cell Culture Laboratory and National Bioassay Facility at UP Institute of Biology.
2. Develop several primary cell line models as a tool to test the efficacy of Philippine plant extracts on cellular senescence, as a strategy to treat several inflammation-associated diseases; and
3. Teach biology courses and mentor undergraduate and graduate students in the Institute of Biology on their research thesis.