



EXPERT'S PROFILE

Name of Grantee : **MARIA NILDA M. MUÑOZ**
Area of Expertise : Molecular Biology, Airway Physiology and Pharmacology
Inclusive Dates of Contract : Short-Term Program
as BSP Awardee 13 September 2013 - 11 December 2013
Host Institution : Philippine Foundation for Lung Health Research and Development, Inc.

EDUCATIONAL BACKGROUND

Sabbaticals on Molecular Biology / Airway Physiology and Pharmacology
The University of Penn, PA; University of Manitoba, Canada;
Zentrum fur Pneumologie and Thoraxchirurgie, Grosshansdorf, Germany;
and Section of Cardiology, University of Chicago, 1988 - 1995
**MS in Chemistry/Biochemistry (Advance Pathophysiology/Pharmacology/
Immunology Courses),** St. Louis University, University of Chicago, 1978 - 1995
BS in Chemistry, Adamson University, 1969

PROFESSIONAL EXPERIENCE

2007 - present **Editorial Board**
Proceedings of the American Thoracic Society

2004 - **present Senior Research Scientist / Laboratory Director**
Department of Medicine, University of Chicago
Glaxosmithkline Center of Excellence, UK
Merck and Company, USA

2001 - present **Health Editor**
Filipino-American News Magazine
Chicago, IL

1999 - present **Honorary Member**
Philippine Foundation for Lung Health Research and Development, Inc.
Philippine Heart Center

1998 - 2004 Jr. Research Scientist / Laboratory Director

Department of Medicine
University of Chicago

1994 - 98 Research Associate / Assistant Professor

Department of Medicine
University of Chicago

Inventor: MCL-3G1, MCL-2A5, MCL-1B7

Monoclonal Antibodies directed against Human Group V Phospholipase A₂
08 May 2008: ARCH (Patent) Development Corporation
University of Chicago

Distributor: Cayman Chemical Company, Sta. Cruz Biotechnology, Sigma-Aldrich
Chemical Company, Abcam UK

TO BE ACCOMPLISHED AS BS AWARDEE :

- a) Continue and be part of an ongoing project with PCHRD-RDMD on humanized antibody to gVPLA₂, a monoclonal antibody which has a potential to become a drug for asthma, CVPD, and other airway diseases;
- b) Assist and facilitate in setting up a Basic Research Laboratory in the Section of Pulmonary and Critical Care Medicine at PHC.;
- c) Participate as a member of the Research Committee of the Medical Fellows who have on-going Clinical Research at PFLHRD, Inc.;
- d) Give Basic Science Research training lesson to Medical fellows of the Host Institution;
- e) Introduce write-shop and workshops;
- f) Serve as Research Mentor in the Initiation of research activities;
- g) Conduct monthly meeting for the analysis of data and monthly progress report;
- h) Encourage Medical Fellows to present the on going projects to National or International meeting;
- i) Have a weekly seminar on writing and oral presentation in excellence;
- j) Train Medical Fellows and motivate in writing papers for publication;
- k) Establish Continuing Medical Education in the field of Basic Science and Clinical Research among Clinicians and Scientists; and
- l) Stimulate the development of new and strategically important technologies that are vital to national development and progress through the newly established program.