

CURRICULUM VITAE

Philip Ian Prieto Padilla, MD, PhD

Professor (4) and Former Faculty Regent, Division of Biological Sciences, UPV CAS
BS Biology, cum laude (UPV), MD (UPM), PhD (Nagasaki University)
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A. Administrative Experience

UP Faculty Regent, University of the Philippines System (Jan 1, 2015- Dec. 31, 2016)
Chair, Division of Biological Sciences, College of Arts and Sciences, UPV (May 1, 2014- Nov. 30, 2015)
MS Biology Coordinator, DBS, UPV CAS (May 1, 2014- Nov. 30, 2015)
Visiting Professor of Molecular Epidemiology, Dept of Molecular Epidemiology, Institute of Tropical Medicine, Nagasaki University (April 1, 2009- Mar. 30, 2011)
Medical Officer (part time), Health Service Unit, UPV (May 1993-March 1995; Nov 2, 2008-April 2, 2009; July 1, 2011-Dec. 2012)
Director, National Institute of Molecular Biology and Biotechnology (NIMBB), UPV (July 1, 2008-Mar 30, 2009)
Executive Editor, UPV Journal of Natural Sciences, UPV (Jan -Dec, 2012; Jan -Dec. 2008)
Division Secretary, DBS, UPV CAS (June 1, 1992- May 30, 1995)

B. Teaching/Research Experience:

Professor, DBS, UPV-CAS (Jan 1, 2015- present)
Associate Professor, DBS, UPV-CAS (June 1, 2005-Dec 30, 20013)
Visiting Scientist, Pulmonary Critical Care Medicine Branch, National Heart, Lung and Blood Institute, National Institutes of Health, 10 5N314 Bethesda, MD 20892 (April 2006-Oct 2007)
Visiting Research Associate Scientist, Pulmonary Critical Care Medicine Branch, National Heart, Lung and Blood Institute, National Institutes of Health, 10 5N314 Bethesda, MD 20892 (April 2000-March 2005)
Instructor, DBS, UPV-CAS (June 1, 1992- May 30, 1995) DBS, UPV-CAS
Community Medicine Preceptor, Community Medicine Program in Miag-ao, Iloilo, UP College of Medicine

C. Research and Publication

Publications:

-Michelle Besana and **Philip Ian P. Padilla**. 2017. Modeling Iloilo River Water Quality. **Philippine Statistician**. 66:1, 75-92.

-Michelle Besana and **Philip Ian P. Padilla**. 2016. **Philippine Journal of Health Research and Development**. An Evaluation of Health Surveys in the Philippines. 20:4, 1-9.

-Iris Ann Borlongan, Ma. Rovilla J. Luhan, **Philip Ian P. Padilla** & Anicia Q. Hurtado. 2016. Photosynthetic responses of 'Neosiphonia sp. epiphyte-infected' and healthy *Kappaphycus alvarezii* (Rhodophyta) to irradiance, salinity and pH variations. **Journal of Applied Phycology**. Published on line march 2016.

- Joval N. Martinez and **Philip Ian Padilla**. 2016. Isolation and characterization of agar-digesting *Vibrio* species from the rotten thallus of *Gracilariopsis hetroclada* Zhang et Xia. **Marine Environmental Research**. 119; 156-160.
- Souheil El-Chemaly, Gustavo Pacheco-Rodriguez, Daniela Malide, Victor Meza-Carmen, **Philip I. Padilla**, Arun Samidurai, Bernadette R. Gochuico, Joel Moss. 2014. Nuclear localization of vascular endothelial growth factor-D and regulation of c-Myc-dependent transcripts in human lung fibroblasts. **American Journal of Respiratory Cell and Molecular Biology**. 51 (1); 34-42.
- Maria Johanna Cuadra and **Philip Ian Padilla**. 2013. Community-Associated Methicillin-resistant *S. aureus* in waste pickers: Prevalence and SCCmec characterization of CA-MRSA in young waste pickers of the Iloilo City dumpsite, Philippines. Lambert Academic Publishing. AV Akademikerverlag GmbH & Co. KG, Germany, ISBN 978-3-659-42260-7
- Francis Nuestro Baleta Liberato V. Laureta¹, Mary Jane S. Apines-Amar, **Philip Ian P. Padilla** and Gerald F. Quintio. 2011. Biological activities of the extracts of *Sargassum oligocystum* (Magnaye) against some aquaculture pathogenic bacteria. **Israeli J. Aquaculture – Bamidgeh**. IIC:63.2011.667
- Concepcion Ponce and **Philip Ian Padilla**. 2012. Review: Top down and molecular self-assembly of bioconjugated nanomaterials on biosensing devices for infectious disease diagnostics. **Frontiers in Bioscience**. E4, 101-110, January 1, 2012
- Adrienne Marrie S. Bugayong, Karla Teresa S. Araneta, Jennifer C. Cabanilla, Christian Era U. Gayatgay, Ernest Jan T. Nufuar, Krystal Hope S. Rufino, Mary Ann C. Caro, and **Philip Ian Padilla**. 2011. Effect of dry-on suffocation-based treatment on the prevalence of pediculosis among schoolchildren in Calagtangan Village, Miag-ao, Iloilo. **Phil. Sci. Lett.** 4; 33-37.
- Jezreel L. Taquiso, Jannie Mae G. Alama, Ma. Socorro Fatima P. Calitis, Ria Angela E. Cervantes, Marian Aisa C. Garcia, Pelita A. Otico, Donna Ginn G. Pacheco and **Philip Ian Padilla**. 2008. Microbiological water analysis of selected point sources in Iloilo River. **UPV J. of Nat. Sci.** 18: 11-24.
- Philip Ian Padilla**, Marina Uhart, Gustavo Pacheco-Rodriguez, Brenda Peculis, Joel Moss and Martha Vaughan. 2008. Association of guanine nucleotide-exchange protein 1 (BIG1) in HepG2 cell nuclei with nucleolin, U3 snoRNA, and fibrillarin. **Proc. Nat'l Acad. Sci. USA**. 105; 3357-3361.
- Torres, James L. and **Philip Ian Padilla**. 2005. Health hazards in the water: Look before you swim IN **Sourcebook: Philippine Marine Environment**. National Committee on Marine Sciences, UNESCO National Commission of the Philippines, Department of Foreign Affairs, Pasay City. Chapter 13 (p.137-142).
- Philip Ian Padilla**, Gustavo Pacheco-Rodriguez, Joel Moss and Martha Vaughan. 2004. Nuclear localization and molecular partners of the brefeldin A-inhibited guanine nucleotide-exchange protein 1 (BIG1) for ADP-ribosylation factors. **Proc. Nat'l Acad. Sci. USA**. 101; 2752-2757.
- Philip Ian Padilla**, Min-ju Chang, Gustavo Pacheco-Rodriguez, Ronald Adamik, Joel Moss and Martha Vaughan. 2003. Interaction of brefeldin-inhibited guanine-exchange protein 1 (BIG1) and FKBP13: Effects of FK506. **Proc. Nat'l Acad. Sci. USA**. 100; 2322-2327.
- Philip Ian Padilla**, Akihiro Wada, Kinnosuke Yahiro, , Miyuki Kimura, Takuro Niidome, Haruhiko Aoyagi, Atsushi Kumatori, Masanobu Anami, Tomoyoshi Hayashi, Jun-ichi Fujisawa, Haruo Saito, Joel Moss and Toshiya Hirayama. 2000. Morphologic differentiation of HL-60 Cells is associated with appearance of RPTPb and Induction of *Helicobacter pylori* VacA sensitivity. **J. Biol. Chem.** 275; 15200-15206. (Doctoral Dissertation)
- Yahiro, Kinnosuke, Niidome, Takuro, Hatakeyama, Tomomitsu, Aoyagi, Haruhiko, Kurazono, Hisao,

Padilla, Philip Ian, Wada, Akihiro, Hirayama, Toshiya. 1997. *Helicobacter pylori* vacuolating toxin binds to the 140-kDa protein in human gastric cells lines, AZ-521 and AGS. **Biochem. Biophys. Res. Comm.** 238; 629-632.

-Wada, Akihiro, Hasegawa, Makoto, Matsumoto, Kazuya, Niidome, Takuro, Kawano, Yukio, Hidaka, Yuji, **Padilla, Philip Ian**, Kurazono, Hisao, Shimonishi, Yasutsugu, Hirayama, Toshiya. 1996. The significance of Ser 1029 of the heat-stable enterotoxin receptor (STaR): relation of Sta-mediated guanylyl cyclase activation and signaling by phorbol myristate acetate. **FEBS Letters.** 284; 75-77.

Membership in Professional Societies:

Japanese Society for Bacteriology

Pi Gamma Mu Honor Society (inactive)

Phi Kappa Phi Honor Society (inactive)

Philippine Health Social Science Association (PHSSA)

Philippine-American Academy for Science and Engineering (PAASE) **ELECTED MEMBER**

Philippine Society for Cell Biology (PCB)

Philippine Society for Microbiology (PSM)- Visayas (Immediate Past President)

Philippine Society for Neuroscience (PSN)

Philippine Society for Biochemistry and Molecular Biology

JICA Alumni Association of the Philippines (JAAP)

Philippine Association of Japanese Ministry of Education Scholars (PHILAJAMES)

University of the Philippines Medical Alumni Association (UPMAS)

University of the Philippines College of Medicine- Philippine General Hospital Alumni Foundation in Iloilo (current board member)

University of the Philippines Medical Alumni Association in America (UPMASA)

University of the Philippine Visayas College of Arts and Sciences (UPV-CAS) Alumni Association

D. Public Service/Extension

1. **Health Leadership and Governance Program** Project Leader. Trained 48 Western Visayas LGUs (Municipal Mayors, Municipal Health Officers, Municipal Planning and Development Officers) in the Municipal Leadership and Governance Program (**MLGP**) and was a partner to the Provincial Leadership and Governance Program (PLGP) and the Barangay Health Leadership and Management for the Poor (BHLMP) (2014-present) under the DOH6 and Zuellig Family Foundation. MLGP cycle 2 is now on going with 25 more LGUs.

2. **Leadership for Convergence Program (LCP)** Project Leader. Trained 101 City/Municipal Action Team (C/MAT) Leaders of Western Visayas DSWD on Bridging Leadership for Convergence (2015-2016). LCP cycle 2 is currently in the planning stages.

3. **Angat Buhay Leadership Training and Fellowship Journey (AB)**. Trained 22 Visayas LGUs (Western, Central, and Eastern Visayas) on Bridging Leadership for Poverty Alleviation (on-going).

4. **UNICEF Evidence-Based Planning for Resilient Local Health Systems (rEBaP)**. Trained all the Western Visayas LGUs (Municipal Health Officers, DRRM Officers, MPDOs) in evidence-based disaster planning. (2015-16).

5. **Unilab Ideas Positive**: Trained UPV BSPH, BSBio students in developing community-based health programs for the Unilab Ideas Positive competitions (Run 3-7) with UPV teams being in 2nd place from Run 3-5 and national champions from Run 6-7.

E. Resource Generation

1. **Health Leadership and Governance Program** Project Leader (7 million for MLGP cycle 1 and 5 million for MLGP cycle 2.)
2. **Leadership for Convergence Program (LCP)** Project Leader (4M for LCP cycle 1)
3. **Angat Buhay Leadership Training and Fellowship Journey (AB)**. (3.5 million)
4. **UNICEF Evidence-Based Planning for Resilient Local Health Systems (rEBaP)**. (6 million)
5. **Unilab Ideas Positive**: run 3 (100K), run 4 (200k), run 5 (300k), run 6 (400k), run 7 (100k) = 1.1 million in grants for the communities adopted by UPV students.
6. **Diwal Project (CHED)**: 12 million
7. **Mussel R and D Program (DOST)**: 5 million
8. **Oyster S and T Program (DOST)**: 5 million

F. Internationalization Initiatives.

1. **MOU with Nagasaki University**
2. **ASEAN University Network (AUN)-Quality Assurance (QA) Assessor**

Languages:

English: excellent in written, verbal and reading skills

Japanese: good in basic Japanese verbal skills and average in writing and reading skills

Spanish: average in basic reading and comprehension skills

Filipino (Tagalog): excellent in written, verbal and reading skills

Ilonggo (Hiligaynon): excellent in written, verbal and reading skills

References:

Jaime Galvez-Tan, MD, MPH
Former Secretary of Health
Department of Health
Republic of the Philippines

Toshiya Hirayama, PhD
Former Professor and Chair
Department of Bacteriology
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Joel Moss, MD, PhD
Vice-Chief
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National Heart, Lung, and Blood Institute (NHLBI)
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10 5N314 Center Drive
Bethesda, Maryland