

EXPERT'S PROFILE

Name of Grantee	Ahmad Reza Faustino Mazahery, Ph.D.
Area of Expertise	Mammalian Cell Culture, Stem Cell Biology
Inclusive Dates of Contract as BSP Awardee	Long-term Program September 1, 2017 – August 31, 2019
Host Institutions	Institute of Biology, University of the Philippines Diliman



EDUCATIONAL BACKGROUND

Doctor of Philosophy in Life Sciences, Kumamoto University, Kumamoto Japan, 2012
Master of Science in Biology, University of the Philippines Diliman, 2007
Bachelor of Science in Biology, Ateneo de Naga University, 2001

PROFESSIONAL AND RESEARCH EXPERIENCE

- 2017 – Present **Assistant Professor**
Institute of Biology
University of the Philippines Diliman
- 2012-2017 **Fellow**
Institute of Resource Development and Analysis
Kumamoto University, Honjo Campus, Japan
- 2009-2012 **Junior Research Associate**
Institute of Molecular Embryology and Genetics,
Kumamoto University, Kumamoto Japan
- 2008-2009 **Assistant Professor**
University of the Philippines Manila
- 2005-2008 **Instructor**
University of the Philippines Manila
- 2004-2005 **Graduate Assistant**
University of the Philippines Diliman

TO BE ACCOMPLISHED AS A BSP AWARDEE:

1. Develop research proposals for grant application to DOST-PCHRD and other funding institutions for more extensive iPSC-based research work;
2. Formulate an adapted module for iPSC maintenance and utilization using the protocol co-written by the expert from IRDA, Kumamoto University;
3. Mentor and train students and researchers of the Institute in iPSC-handling and induction experiments;
4. Conduct lectures on iPSC science and applications;
5. Formulate experimental strategies and protocols for obtaining cancer cells and cancer stem cell culture; and
6. Prepare a manuscript for submission to ISI journals.