

EXPERT'S PROFILE



Name of Grantee : **CUSTER C. DEOCARIS, Ph.D.**

Area of Expertise : Chemistry and Biotechnology

Inclusive Date of Contract as BSP Awardee : June 1, 2010 - August 29, 2010
(Short Term Category-Subsequent visit)

Host Institution : Children for Breastfeeding, Inc.

E-Mail Address : cdeocarís@gmail.com

EDUCATIONAL BACKGROUND

- Ph.D. Chemistry and Biotechnology, University of Tokyo, Hongo, Tokyo, Japan, 2006
- M.Sc. Molecular Biology and Biotechnology, University of the Philippines, Diliman, 2000
- B.Sci. Molecular Biology and Biotechnology, University of the Philippines, Diliman, 1993

WORK EXPERIENCE

- **March –October 2009** **Visiting Scientist**
Laboratory of Embryology
Yonsei University School of Medicine
Seoul, Korea
- **2006-2008** **Post Doctoral Researcher**
Institute of Health and Sports Sciences
University of Tsukuba, Japan
- **2006-present Guest Researcher** **Research Institute for Cell Engineering (RICE)**
National Institute for Advanced Science &
Technology
Tsukuba, Japan
- **2004-2006 Student Researcher** **Research Institute for Cell Engineering**
(Part time) Gene Function Research Center (now renamed
RICE) National Institute for Advanced Science &
Technology
Tsukuba, Japan
- **1994-2004 Sci. Research Specialist I** **Biomedical Research Section**
Atomic Research Division
Philippine Nuclear Research Institute
Quezon City

To be accomplished as BSP Awardee:

1. Write and submit a research proposal entitled “Brain-Body Connection for Youth Education and Formation”;
2. Help promote the breastfeeding movement consonant to the MOU signed between DOST-PCHRD and the Children for Breastfeeding, Inc.;
3. Assist in the thesis and publication of research result of student in UP-Manila and support the Tarlac State University (TSU) in building its research capacity through the submission of the MACNut Program, thesis advisorship and expert assistance; and
4. Facilitate and assist in organizing the “Roundtable Discussion on the Formulation of Inter-Disciplinary Strategies and Academic Linkages in Support of Breastfeeding”.

5. Deliver lectures on the trends in the manipulation of human ageing, genetic doping in relation to muscle hypertrophy research with myostatin, and molecular system biology of exercise-induced neurogenesis and cognitive improvement.
6. Give career orientation seminars on molecular biology to various high school and college students
7. Initiate a sports biotechnology program for UP-CHK. The researches will also aim to understand at the cellular and molecular levels the mind & body benefits from exercise. A JSPS-Bilateral Program Proposal will be developed to start collaboration with laboratories from the Institute of Health & Sports Sciences (Tsukuba University) and the AIST.