

EXPERT'S PROFILE

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

Area of Expertise : Chemistry and Biotechnology

Inclusive Date of Contract as BSP Awardee : November 17, 2008 – February 15, 2009 (Short Term Category)

Host Institution : College of Human Kinetics
University of the Philippines-Diliman

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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

- **2006-present** **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:

- 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.
- Give career orientation seminars on molecular biology to various high school and college students
- 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.