

EXPERT'S PROFILE

Name of Grantee : **DR. ROMULO DE CASTRO, JR.**

Areas of Expertise : Biochemistry, Neuroscience,
Immunology, Bioinformatics

Inclusive Date of Contract as BSP Awardee : 17 April – 13 May 2009
Short-Term Expert Category

Host Institutions : Mapua Institute of Technology
University of the Philippines-Manila

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EDUCATIONAL BACKGROUND

- Clinical Trials Administration, University of California San Diego Extension, 2004
- PhD in Human Biological Chemistry & Genetics, University of Texas Medical Branch, 1999
- BS in Molecular Biology & Biotechnology, University of the Philippines, 1991

WORK EXPERIENCE

- **2007 – present** - **Assistant Director of Research - Biology**
Autism Speaks
Los Angeles, California
- **2005 – present** - **Senior Scientific Curator**
La Jolla Institute for Allergy and Immunology
San Diego, California
- **2005** - **Adjunct Instructor in Biology**
San Diego City College
San Diego, California
- **2001 – 2004** - **Postdoctoral Research Associate**
The Burnham Institute
La Jolla, California
- **1999 - 2001** - **Postdoctoral Scholar in Biology**
California Institute of Technology
Pasadena, California

To be accomplished as BSP Awardee:

1. Initiate a Bioinformatics Project, the Cancer Immune Response Knowledgebase (CIRK), with Mapua Institute of Technology and UP Manila as host and collaborator institution, respectively.
2. Conduct high-level meetings with research collaborators (Prof. Lemmuel L. Tayo of Mapua and Dr. Salvador C. Caoili of UP Manila) to prepare the CIRK project proposal, which will be submitted for funding; Specify the CIRK implementation timeline and enumerate its milestones and deliverables; Identify database developers for CIRK.
3. Give lectures in Bioinformatics/Immunology.