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	:	July 15 – October 13, 2017 Short-Term Expert Category
Host Institutions	:	University of the Philippines-Los Baños College of Veterinary Medicine
Contact Details	:	jongi1@yahoo.com

EDUCATIONAL BACKGROUND

- **Biomedical Informatics Fellow** National Library of Medicine, 2012
- **Clinical Trials Administration**, Univ of California San Diego Extension, 2005
- **Postdoc,** California Institute of Technology (aka Caltech), and The Burnham Institute (now Sanford-Burnham Medical Research Institute), 1999-2004
- **Ph.D. Human Biological Chemistry & Genetics**, Univ of Texas Medical Branch, 1999
- **B.S. Molecular Biology & Biotechnology** (cum laude), Univ of the Philippines, Diliman, 1991

WORK EXPERIENCE

- 2012-Present   **Technology Lead – Cancer Immunoinformatics** 3R Biosystems (3RB, San Diego, CA
- 2017-2018   **Biomedical Informatics Consultant** International Atomic Energy Agency (IAEA), Vienna, Austria
- 2010-2014   **Director of Translational Science Navigation** Charles R. Drew University of Medicine and Science (CDU), Los Angeles, CA
- 2010   **Genetic/Genomic Database Consultant** Pathway Genomics Corporation, San Diego, CA
- 2005-2010   **Scientific Curator, Immune Epitope Database (IEDB)** Immune Epitope Database, La Jolla Institute for Immunology, San Diego, CA
- 2007-2009   **Assistant Director of Research (Biology)** Autism Speaks, Los Angeles, CA

To be accomplished as BSP Awardee:

Activities	Deliverables
1. Animal Health Reporting App - Define requirements and create app blueprint	Requirements analysis documents (meeting notes) and app blueprint
- Program application database and user interfaces (prototype) - Test application prototype and reprogram application, if needed	Application prototype, testing results and reprogramming documents
- User-training and launch	User training sessions, user training materials, final application (launched).
2. Animal Pathology Assessment App - Define requirements and create app blueprint	Requirements analysis documents (meeting notes) and app blueprint
- Program application database and user interfaces (prototype)	Application prototype
3. Conduct of lectures/workshops in informatics	Lecture notes and slides