
Prof. Jose H. Bergantin, Jr., Ph.D.

University of Santo Tomas-Manila, Philippines



Jose H. Bergantin Jr. is a Professor III in the Department of Chemistry and an Academic Researcher at the Research Center for the Natural and Applied Sciences at the University of Santo Tomas (UST), in Manila, Philippines. His primary research interests lie in the development of electrochemical impedance spectroscopy biosensors and lateral flow immunoassay kits. He currently leads several research projects funded by the DOST-PCHRD, focusing on EIS biosensors for detecting pathogens in meat products and the development of immunoassay kits for gastrointestinal viruses, specifically rotaviruses and noroviruses. Beyond diagnostic technology, Prof. Bergantin is a proponent of sustainable science education, specializing in the design of low-cost, microscale instrumentation and experiments for chemical education.

Prof. Bergantin earned his Ph.D. in Chemistry degree from the University of Santo Tomas and achieved first place in the 1991 Philippine Chemistry Licensure Examination. He has served as a visiting researcher at the Universitat Autònoma de Barcelona, and maintains active memberships in the Integrated Chemists of the Philippines (ICP), Kapisanang Kimika ng Pilipinas-Division of Analytical Sciences (KKP-DAS), and the American Chemical Society (ACS).