

Dissertation Evaluation Report

Report No.	Diploma Number: D-BIO 1440	Applicant's Name	Tran Quang Thach
Evaluators	<p>Print name</p> <p>Chief Evaluator: <u>Koichi Izumikawa</u></p> <p>Evaluator: <u>Satoshi Kaneko</u></p> <p>Evaluator: <u>Lay Myint Yoshida</u></p>		
<p>Evaluation Report of Dissertation</p> <p>1. Evaluation of the research purpose.</p> <p>The thesis is designed to investigate novel predictive biomarkers for the early prognosis of dengue severity. The purpose of the research is clearly defined and reasonable.</p> <p>2. Evaluation of the research methods.</p> <p>To identify the markers, a systematic review and meta-analysis were adopted to compare the differences in host data collected within 72 hours of fever onset amongst the different disease severity levels. The methodology of the research was well designed.</p> <p>3. Evaluation of the analysis, interpretation and discussion.</p> <p>The findings suggest that alterations of platelet count and AST level—in the first 72 hours of fever onset—are independent biomarkers predicting the development of severe dengue. The discussion regarding the early detection mechanism of those markers is appropriate.</p> <p>As stated above, the dissertation will greatly contribute to clinical tropical medicine, and all evaluators uniformly agree that Tran Quang Thach should be awarded a Doctor of Philosophy in Medical Science.</p>			