

Form B-5

Date (日付)

09/11/2012 (Date/Month/Year: 日/月/年)

**Activity Report -Science Dialogue Program-**  
(サイエンス・ダイアログ事業 実施報告書)

- Fellow's name (講師氏名): Dr. Vongsavanh PHONGSISAY (ID No. P 11107 )

- Participating school (学校名): Miyazaki Prefectural Nobeoka High School

- Date (実施日時): 02/11/2012 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): Campylobacter jejuni and Guillain-Barré syndrome

(in Japanese)

- Lecture summary (講演概要): Please summary your lecture 200-500 words.

*Campylobacter jejuni* is the bacterium living in the intestinal tract of animals, including poultry. In humans, it causes inflammatory diarrhea and/or autoimmune disease Guillain-Barré syndrome (GBS). Infected persons are due to the consumption of contaminated milk or poultry products. *C. jejuni*-associated GBS is a rare disease but GBS patients can be fatal or become permanent paralysis. Example of how to conduct the research in order to produce vaccine and drug against *Campylobacter* infection-related diseases is given in the lecture. The students are expected to realize the importance of medical research, which is the main objective for this lecture. The lecture also includes information on the scientific career that may be helpful for the students. Finally, the information about Laos, a simply beautiful and peaceful country, and relationship between Japan and Laos is introduced to the students.

- Language used (使用言語): English

- Lecture format (講演形式):

◆Lecture time (講演時間) ~ 60 min (分), Q&A time (質疑応答時間) ~ 30 min (分)

◆Lecture style (ex.: used projector, conducted experiments)

(講演方法 (例: プロジェクター使用による講演、実験・実習の有無など))

PowerPoint presentation using a projector

◆Interpretation (ex.: assistance by accompanied person, provided Japanese explanation by yourself) (通訳 (例: 同行者によるサポート、講師本人による日本語説明))

Assistance by English teacher from the school

◆Name and title of accompanied person (同行者 職・氏名)

Mr. Yuichi Watanabe

◆Other note worthy information (その他特筆すべき事項):

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- Impressions and opinions from accompanied person (同行者の方から、本事業に対する意見・感想等  
がありましたら、お願いいたします。)

Many thanks to Watanabe sensei for a warmly welcome and English-Japanese translation