

Form 3

Date (日付)

1/11/2010

(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 (参加外国人研究者氏名): Mohamad Chikh Ali (ID No. P09106)

Participating school (参加機関 (受入学校名)): Yokohama City Municipal Yokohama Science Frontier High School (YSFH)

Date (実施日時): 27-28/10/2010 (Date/Month/Year: 日/月/年) Time: from ___ : ___ to ___ : ___

Lecture title (講演題目): (in English) Plant viruses: the underestimated threat

(in Japanese) 植物ウイルス : 過小評価されてる脅威

Lecture summary (講演概要):

In my lecture, I introduced plant viruses and how to study and identify them. Main focus was done on the economic importance of plant viruses to show why we need to study and control them. General control strategies of plant viruses were introduced. How to use plant viruses as friends using genetic engineering was explained through examples. I conducted an experiment on how to detect plant viruses using biological methods. This would give the students a real idea about how to deal with plant viruses and what effects they cause on infected plants.

Language used (使用言語): English

Lecture format (講演形式):

Lecture time (講演時間) 100 min (分), Q&A time (質疑応答時間) 20 min (分)

Lecture style (examples: used projector, conducted experiments)

(講演方法 (例: プロジェクター使用による講演、プレ実験など))

I used a projector to present my power point presentation and conducted an experiment

Interpreter (example: assistance by host or colleague, provided Japanese explanation by yourself)

(通訳 (例: 受入研究者によるサポート、外国人研究者本人による日本語説明))

Used slides in English with Japanese translation provided by my host professor. A breif Japanese explanation provided by a teacher at YSFH

Name and title of assistant (協力者 職・氏名) (example: host or colleague)

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

Impressions and opinions of assistant (協力者から本事業に対する意見・感想等がございましたら、お願いいたします。): My host Dr. Tomohide Natsuaki was very helpful. He provided written Japanese translation of my lecture slides and provided me with some teaching materials that helped me to explain my lectures to the students. The support provided by the teachers of YSFH

was significantly useful.