

(For JSPS fellow)

Form 3

Date (日付)

04/06/2010 (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): **FUSTIN Jean-Michel** (ID No. **P09348**)

Participating school (参加機関(受入学校名)): **岐山高校**

Date (実施日時): **01/06/2010** (Date/Month/Year:日/月/年) Time: from **10:30** to **12:00**

Lecture title (講演題目): (in English) **Introduction to the Biological Clock**

(in Japanese) **体内時計への導入**

Lecture summary (講演概要): **The lecture introduced very basic biology such as protein, DNA and RNA, as well as their function within the cell. Then, the very basic structure of a gene was explained, followed by an example of genetic manipulation using the luciferase gene. Then, the biological clock was introduced. Finally, all the notions explained during the lesson were brought together by explaining how we can see the biological clock in the brain by using luciferase under the control of the promoter of a clock gene.**

Language used (使用言語): **日本語**

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 (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))

**Standard lecture using projector**

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))

**私は、日本語で講義をしました。**

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。):