

Form 3

Date (日付)

19/11/2011 (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): Fan Bai (ID No. P09101)

Participating school (参加機関(受入学校名)): Takefu Senior High School

Date (実施日時): 18/11/2011 (Date/Month/Year: 日/月/年) Time: from 13:10 to 14:40

Lecture title (講演題目): (in English) Flagellar motor and bacterial motility

(in Japanese) 細菌べん毛モーター and 細菌運動性

Lecture summary (講演概要):

The bacteria are a large group of single-celled, prokaryote microorganisms. They are ubiquitous in every habitat on Earth. Bacteria can sense. They respond to environmental changes in a broad dynamic range with high sensitivity through various taxis systems, eg. chemotaxis, phototaxis, thermotaxis, magnetotaxis. Their ability to detect environmental changes and take subsequent actions to escape from, adapt to or evolve in a new environment are essential for pathogenicity.

Language used (使用言語): English

Lecture format (講演形式):

Lecture time (講演時間) 50 min (分), Q&A time (質疑応答時間) 40 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))

Used 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))

Assisted by my colleague Dr. Shuichi Nakamura

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

Dr Shuichi Nakamura

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 colleague Dr. Shuichi Nakamura has provided great help in my talk.