

Form 3

Date (日付)

23 / 06 / 2009 (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): Ammar Abdulakder BOUDAKA (ID No. P 08445 )

Participating school (参加機関(受入学校名)): Gifu Prefectural Gizan High School

Date (実施日時): 25 / 05 / 2009 (Date/Month/Year:日/月/年) Time: from 10:50 to 12:30

Lecture title (講演題目): (in English) Cell Sensors in our Daily Life

(in Japanese) 日常生活における細胞センサーの働き

Lecture summary (講演概要):

**Our bodies are made up of about one hundred trillion cells. Each cell bears on its surface many different sensors (receptors) that help us to sense our internal and external environment. One family of those sensors are the TRP channels that can feel different temperature ranges as well as different chemicals like spices and menthol.**

Language used (使用言語): English and Japanese

Lecture format (講演形式):

○Lecture time (講演時間) 80 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))

Introduction and three main scientific sessions each followed by 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))

Mainly in English and colleague provided Japanese translation when feasible

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

Hiroshi MIHARA (colleague)

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

**I and my colleague adopted a different style of lectures where he asked me about some points during my explanation to motivate the students and involve them in the discussion. Additionally, I conducted the experiments during the explanation to continuously gain student attention.**

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。): He was so impressed by this new teaching experience and he benefited a lot.