

(For JSPS Fellow)

**Form B-5**

Date (日付)

17/07/2013 (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): Marco Marques Candeias (ID No. P 12415)

- Participating school (学校名): Nanao Prefectural High School

- Date (実施日時): 11/07/2013 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): (in English) The Adventures of Scientist Marco

(in Japanese)

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

I started the lecture by introducing myself and telling the students where I studied, which countries I lived in and how I came into contact with English and science; also what motivated me to start using English (books, music, movies) and to become a researcher (the miraculous power of the gene). I explained about my findings: how the Central Dogma of molecular biology has changed and the importance of mRNA as a functional non-coding molecule that may play an important role in cellular fate and cancer. I also told them about my most recent findings: about a smaller p53 protein, minip53, which instead of suppressing cancer is causing non-cancer cells to transform and make tumors! I stated many exciting things related to science such as the change scientists can make in society by improving health care – in my case – or developing new technologies with all different purposes (nourishment, transportation, security, comfort, etc); and such as the constant interchange of ideas and knowledge between scientists around the world; the opportunities to travel and visit other scientists and institutes; the excitement and emotion of understanding/making something that has never been understood/made before; the challenge of trying to solve incomprehensible scientific enigmas. I denoted well the importance of English in the scientific world.

- Language used (使用言語): English

- Lecture format (講演形式):

◆Lecture time (講演時間) 65 min (分), Q&A time (質疑応答時間) 45 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))

Projector, power point

◆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))

Accompanied by PhD student from the lab: Toru Hiratsuka

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

Toru Hiratsuka, PhD student

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

The students could follow the presentation really well. They had really good questions, including some questions that I'm now trying to answer in the continuation of my research project.

- 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。):

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Dr. Candeias made the most of his previous experience of Science Dialogue. He added Japanese translations to English keywords in his presentation slides, which could avoid the students from getting lost just because of unfamiliar technical terms. Furthermore, he stopped every once in a while during his talk to check students' comprehension and asked for my translation whenever it seemed to be required. I am pretty sure his efforts made his talk much easier to understand and more enjoyable for the students.