

(For JSPS Fellow)

Form B-5

Date (日付)

06/11/2013 (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): QIN Xian-Yang (ID No. P13217)

- Participating school (学校名): Ichikawa Gakuen Ichikawa Senior High School

- Date (実施日時): 02/10/2013 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): (in English) Discovery of Novel Molecular Targets by Chemical Screening for Personalized Medicine of Liver Cancer

(in Japanese) 化合物スクリーニング研究による肝癌個別化医療のための新規標的分子の同定

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

Firstly, in the introduction, I used the cartoon named "Slam Dunk" to talk about my first impression about Japanese high school students. Then, I used some questions that I always been asked about China from my Japanese friends to compare both the common and different points between China and Japanese. For example, "Do Chinese use chopsticks?", "Do Chinese use Chinese characters?" and so on. Then, I started my presentation from three parts. In the first part, I told about myself with some photos and provided the students some basic information about my hometown and schools. Then I moved to the second part to introduce the dairy life as a biological researcher. I made a scan of my October monthly schedule from my notebook to point out some factors including in the research life, such as laboratory seminar, academic meeting, paper writing and experiments. I also used the story of the popular Japanese television series named "Hanzawa Naoki" to address my opinion that research is not a "Job" but an "Occupation". I think one of the most import points to be a scientist is to actively pursue their own goals but not passively do what they are asked to do. Finally, I tried to introduce my research simply and easy to understand. To achieve this, I firstly introduced some basic knowledge about the structure and function of the cell and then used the Tokyo Metro map to help the students to understand the concept of genetic signaling networks that control the cellular activities. The accident happened in the subway line can block the city transportation. Likely, mutant in the genetic signaling network can affect the normal cellular activities, such as the uncontrolled proliferation of cancer cells.

- Language used (使用言語): English

- Lecture format (講演形式):

◆Lecture time (講演時間) 45 min (分), Q&A time (質疑応答時間) 5 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))

Used projector

◆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))

Provided Japanese explanation by yourself

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

No one

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

- 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。):