

(For JSPS Fellow)

Form B-5

Date (日付)

07/10/2013 (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): SAILENDRA NATH SARMA (ID No. P-12416)
- Participating school (学校名): Ichikawa Gakuen Ichikawa Senior High School
- Date (実施日時): 04/10/2013 (Date/Month/Year: 日/月/年)
- Lecture title (講演題目): (in English)STEM CELL RESEARCH - WHAT IS IT ALL ABOUT?
(in Japanese)

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

This lecture contains the informations about my home country (Bangladesh) and stem cell research. I was tried to make them understand about the research work. What the scientists are doing and why we need science. I tried to give them the information about the stem cell culture. Why Dr. Yamanaka got the Nobel prize? I show them the culture systems of IPS (Induced Pluripotent Stem Cells). I told them about the types of stem cells, where can we get that? And how we can isolate them and maintain them in a plate in the laboratory condition. I also explain about the recent update of the stem cells applications, such as how we are now treating the patients of tissue repairment, heart disease and what type of new invention is now coming to the reality. I brought the stem cells plates with me, which I showed them by microscope. I told to the co-ordinator to arrange a microscope for me. He did that nicely. I show them a video carton about the Stem cells, which also made them understand about the Stem cell. The total presentaion was nicely done. Students are responding properly and the co-ordinator of the school was nice. This program may give the students a dream to be a scientist.

- Language used (使用言語): English

- Lecture format (講演形式):

◆Lecture time (講演時間) 40 min (分), Q&A time (質疑応答時間) 20 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, conducted experiments

Must be typed

- ◆ 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))

No need

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

- ◆ 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。):