

(For JSPS Fellow)

Form B-5

Date (日付)

11/11/2016 (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): Halilibrahim Ciftci (ID No. P16111)- Participating school (学校名): Nobeoka High School- Date (実施日時): 08/11/2016 (Date/Month/Year: 日/月/年)- Lecture title (講演題目): (in English) Host Factors vs HIV(in Japanese)

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

I divided my lecture into two parts according to Nobeoka High School's requirements. In the first part, I gave simple information on anti-viral host factors and viral weapons against them, and then described characters of the HIV accessory proteins (weapons), Vpx and Vif. After that, I explained our strategy for development of drugs to keep/induce function of anti-viral host factors, and showed dynamic process of a ternary SAMHD1-Vpx-DCAF1 complex and APOBEC3G-compound (SN1, L-HIPPO) formation process by means of Serial Femtosecond X-ray kineto-crystallography (SFX). In the second part, I gave a presentation about Turkey and about becoming a scientist. The presentation encouraged the students to be scientist and the importance of English.

- Language used (使用言語): English

- 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 (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))

Oral presentation with projector and pointer

◆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 some Japanese explanation by the English teacher of Nobeoka High school (Mr. Toyota Imai).

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

None

Must be typed

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

All teachers at Nobeoka High School were very hospitable and friendly.

- 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。):