SD
※弊会記入欄

Form B-2
(FY2022)
Must be typed

Date（日付）
20/01/2023 （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）: Kilian COLAS （ID No. P22024 ）

- Name and title of the lecture assistant（講義補助者の職・氏名）
柏 勇希，修士 2 年

- Participating school（学校名）: Chiba Prefectural Sakura High School

- Date （実施日時）: 19/01/2023 （Date/Month/Year:日/月/年）

- Lecture title（講義題目）:
Travelling with Science and Reprogramming the Code of Life

- Lecture format（講義形式）:
  - ◆☒Onsite ・ □Online (Please choose one.)（□対面 ・ □オンライン（どちらか選択ください。））
  - ◆Lecture time（講義時間） 70 min（分）, Q&A time（質疑応答時間） 30 min（分）
  - ◆Lecture style（ex.: used projector, conducted experiments）
    （講義方法（例：プロジェクター使用による講義、実験・実習の有無など））
    Presentation on projector, including two short biology exercises

- Lecture summary（講義概要）: Please summarize your lecture within 200-500 words.

The presentation was split into two parts. The first half focused on the education system in Europe and my experience working and studying in different countries. In this part, I alternated between discussions of the different countries cultures and the different topics of studies, starting from general scientific education and progressively specializing towards medicinal chemistry. I included a brief focus on using fluorescent chemicals for cancer diagnosis, which is a very visual topic that is easy to support with pictures and generally engages audience well. This part also included general advice and practical tips to encourage students to study science and learn English, with the objective to motivate students to embrace their scientific curiosity on multiple topics as well as not be afraid to speak English even if they do not feel confident about it.
The second part presented basic biology knowledge, building up to more advanced discussion of research in the Suga laboratory. The introduction included concepts that students were already familiar with, allowing them to follow an increasingly technical discussion. The objective was to allow the students to refresh their understanding and feel comfortable when being introduced to

more advanced concepts, such as the difference between various medicinal strategies, the importance of experimental design, or the practical challenges of delivering medicine to a patient. This way, the presentation finished with a description of our laboratory's technology that the students could follow in fairly advanced conceptual and technical details.
Finally, plenty of time was allocated for the student's questions. I was pleased to receive several excellent questions, and the students did a good effort in asking them in English.

◆Other noteworthy information（その他特筆すべき事項）:
It was very helpful that the high school organizer clearly communicated the objectives of the lecture, so I could adapt the presentation specifically to these obectives.

- Impressions and comments from the lecture assistant（講義補助者の方から、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。）:
学生さんたちは質問をすることに少し消極的であったが、こういう機会が増えると外国人に英語で話しかけることもためらいがなくなると思う。意欲的な学生さん複数人から非常に的を得た質問が英語でなされ、レクチャーの内容に対する深い理解が伺えた。