

(For JSPS Fellow)

Form B-5

Date (日付)

09/01/18 (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): Mareike Margarete Wiedmann (ID No.16810 )
- Participating school (学校名): Chiba Municipal High School
- Date (実施日時): 18/12/17 (Date/Month/Year: 日/月/年)
- Lecture title (講演題目): Drug Discovery in the Suga lab at the University of Tokyo
- Name and title of your company (同行者 職・氏名)  
the University of Tokyo, Prof Hiroaki Suga lab
- Lecture format (講演形式):
  - ◆Lecture time (講演時間) 90 min (分), Q&A time (質疑応答時間) 30 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, played a short movie and did some music and politics quizzes using the projector
- Lecture summary (講演概要): Please summary your lecture 200-500 words.

First of all, I introduce myself. An introduction to Germany and the United Kingdom was given, including famous people, food, literature and music, through a variety of quizzes. The students participated very well during this section of the presentation which was helped by me giving out some German sweets for any answers that were given. I then gave an overview of why I became a scientist and which famous scientists inspired me to work in the areas of Chemistry, Biology and Medicine. To introduce the topic of drug design I next covered different kinds of diseases and what kinds of pathogens these are caused by. We then covered general aspects that need to be considered when designing a new drug for a specific disease. I then gave an overview of my current research in Prof Hiroaki Suga's research laboratory at the University of Tokyo. A case study of a specific drug we are currently developing was given. We concluded the lecture by discussing the overall process of drug discovery. The students and some of the teachers had some very interesting questions that we then discussed towards the end of the lecture.

- Overall advice or comments to future participants in the program (今後の講師へのアドバイス):

Get in contact with the school before preparing the lecture material and ask about the level of knowledge that the students have. Give the school a rough idea of what you would like to talk about and ask if the students have already covered similar material during their lessons. This will allow you to tailor your lecture to the students.

Also ask about the level of English that the students are comfortable with. Check with the school if they would like you to have some Japanese on the slides or if they would like your Japanese translator take on a more active role during your presentation.

- Other noteworthy information (その他特筆すべき事項):

It would be good to have had more flexibility on allocating the time I spent on certain sections during my presentation. The students were participating lots during the introduction section of my presentation which contained a few quizzes and it would have been good to have had more time to spend on this before moving on to talking about my own research.

Other international speakers may appreciate it if they were informed in advance if they should bring some indoor shoes to present in as they may not be used to wearing indoor slippers during a lecture.

Have a good time during the lecture!

- Impressions and opinions from a company (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。)

My colleague and translator agrees with the feedback I have given above.