

(For JSPS Fellow)

Form B-5

Date (日付)

10/10/2017 (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): Cedric RENTIER (ID No. P16413)
- Participating school (学校名): Ichikawa Gakuen Ichikawa Senior High School
- Date (実施日時): 26/09/2017 (Date/Month/Year: 日/月/年)
- Lecture title (講演題目): (in English) Development of myostatin inhibitory peptides for muscle atrophic disorders
(in Japanese)
- Lecture summary (講演概要): Please summary your lecture 200-500 words.

The lecture was divided into four different parts.

In the first part were introduced France and Italy, the two countries where I lived during my studies and had experience as a student and researcher. This was a good opportunity to introduce to the students various aspects of foreign culture (i.e. places, foods, famous scientists). The second part dealt with being a researcher: what does it mean, what does it do and how to eventually become one? Qualities required to be a good scientist, daily life of a scientist... it was also a good timing to introduce my own career as a student and researcher, so the students had a real example.

The third part - which was also the most technical - started, and was about my research under the JSPS program, which is about myostatin inhibitory peptides. A brief introduction on what are proteins and peptides allowed me to discuss further the role of myostatin in the organism, the problems caused by muscular dystrophies and how to ultimately find a solution using small peptides.

The last part of the lecture was a small discussion, in which students could ask the questions they had about foreign countries, work in science or the research topic presented. The discussion lasted approximately 20 minutes.

- Language used (使用言語): English

- Lecture format (講演形式):

◆Lecture time (講演時間) 60 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))

Powerpoint presentation

◆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))

Assistance by accompanying person from my laboratory

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

HAYASHI Yoshiki, 4th year Ph.D. student, Dpt. of Medicinal Chemistry, Tokyo Univ. of Pharmacy

◆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。):

高校の生徒さんたちは先生方に促されながらではあるものの、自身で考え、英語で質問していた。進路決定に至る前のこの時期に、生の科学・生の英語に触れることのできるこのような機会を持てることは大変貴重であり、科学の道に進む学生を増やすためには大変有意義な事業であると感じた。