

(For JSPS Fellow)

Form B-5

Date (日付)

20/3/3017 (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): Le Thi Bang (ID No. P16120)
- Participating school (学校名): Fukuoka Prefectural Meizen High School (Kurume-city, Fukuoka)
- Date (実施日時): 13/03/2017 (Date/Month/Year: 日/月/年)
- Lecture title (講演題目): (in English) Biomaterials: Materials in Medicine
(in Japanese)
- Lecture summary (講演概要): Please summary your lecture 200-500 words.

The lecture started with a brief introduction about my home country and my-self, and what I am doing as a researcher. The lecture also contained what did motivate me becoming a scientist.

The main part was about the field study of my research, which is biomaterial in medicine. In order to understand how a material can be applied in bone or body, the knowledge of structure, function of bone has been stated, and from these, the requirements of a material that can mimic to the bone as bone substitute material has been clearly classified.

After understand the requirement of bone substitute material, the lecture was on the experimental procedure in the laboratory with the help of slide animation by a simple and easy way. In addition, it was also stated on how to evaluate a material that is suitable for the application i.e. material characterizations, in vitro and in vivo animal studies.

Although scientists have been attempted many methods to prepare a bone substitute materials, there were still some drawbacks that the materials do not meet the requirements of bone substitute. Therefore, the lecture stated some other advanced methods for the material preparation which are on process, and the students can have an image on how current situations that the scientist strive for.

- Language used (使用言語): English _____

- Lecture format (講演形式):

◆Lecture time (講演時間) 50 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))

Projector

- ◆ 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

- ◆ 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。):