

Form B-5

Date (日付)

15/1/2013 (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): Arnout Richard Dominiek Voet (ID No. P12509)

- Participating school (学校名): Kami-Suwa High school

- Date (実施日時): 11/1/2013 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): (in English) How to Design a drug

(in Japanese) 薬剤を設計する方法

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

First I explained who I was, and the history of Belgium showing some typical belgian tourist attractions and foods. Then I explained what are drugs, and how drug design has evolved over the years including traditional herbel medicine. At this stage I included famous examples of european and asian herbal medicine but also explained that for many diseases there is nothing that works really good in nature and that therefore chemistry is needed to make them. I explained the different stages of making a drug: studying the disease by biologists and doctors, discovery of the first molecules (chemical or from nature) by biochemists and pharmacists, making of more molecules that are better (chemists) and testing in animals and humans by pharmacistsm doctors, and biologists. I showed that for drug discovery many people with different scientific knowledge are necessary.

- Language used (使用言語): englis

- Lecture format (講演形式):

◆Lecture time (講演時間) 60min (分), Q&A time (質疑応答時間) 30min (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))

I used a projector and power point slides

◆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))

English language teacher was present, for important words the hiragana/katakana/kanji were also used on the slides_

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

I was alone

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

I had a great time

- 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。)