

(For JSPS Fellow)

Form B-5

Date (日付)

13/02/2014 (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): Bogumil KACZKOWSKI (ID No. P13706 )- Participating school (学校名): 山梨県立都留高等学校- Date (実施日時): 13/02/2014 (Date/Month/Year: 日/月/年)- Lecture title (講演題目): (in English) Bioinformatics - biology, genes and computers  
(in Japanese) バイオインフォマティクス - 生物学, 遺伝学, コンピュータの融合

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

In the beginning I introduced myself and talked about Poland and famous Polish scientists. Then I shortly talked about countries that I visited and lived in in connection with my research: Denmark and United States. I also talked about how it is to be a researcher and do research in different countries. After that I introduced by host institute in Japan and explained about numerous international collaboration and projects we do.

Then I talked about biology and how genetic information is stored in DNA. Later I talked about cancer and how we use current high throughput technologies to study how cancer cells use information from DNA. Then I talked about CAGE which is state of the art high throughput technology developed at RIKEN Yokohama.

In the end I encouraged the student not to start smoking and to have a healthy lifestyle, which will reduce their risk to get a cancer.

- 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))

PowerPoint presentation with 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))

同行者による日本語説明

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

大宮 寛子 テクニカルスタッフ I◆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。):

一般の方々に自分たちの研究内容を説明する良い機会を頂き、また熱意に溢れた高校生たちと接することができて、こちらも有意義な時間を過ごすことができました。事前にもう少し高校の先生と密に打ち合わせができていればもっと効果的な授業ができたと思いました。