

(For JSPS Fellow)

Form B-5

Date (日付)

05/07/2013 (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): Gyorgy BAZAR (ID No. P12409)
- Participating school (学校名): Fujishima Senior High School, Fukui
- Date (実施日時): 05/07/2013 (Date/Month/Year: 日/月/年)
- Lecture title (講演題目): (in English) How agriculture helped space science
(in Japanese) 宇宙科学における農学の貢献
- Lecture summary (講演概要): Please summary your lecture 200-500 words.

First, short introduction was presented with few words about Hungary and Europe, and the beginning of a typical Hungarian researcher career was displayed. The perfect possibilities provided by post doctorate fellowship program of Japan Society for Promotion of Science were accentuated.

The main part of the lecture presented the research activity of the actual JSPS fellowship. The basic methodology of near infrared spectroscopy was described, with short history of the technique which started from an agricultural application and spreads nowadays in a wide range of science. The most important adaptations of the technique were shown, following the stages of animal production, from field and feed to processed meat and milk products. Basic biological background of milk and meat production were presented, accentuating the importance of new high-tech applications – like NIR spectroscopy – to provide good quality food in adequate amount and on a reasonable price fulfilling the expanding international demand for animal products. The newest applications of NIR were introduced and also the Japanese impact within this field of science was mentioned.

In the final motivation part the possibilities, advantages and disadvantages of Japanese students were accentuated by a foreigner's point of view.

Lecture was closed with an open discussion forum.

- Language used (使用言語): English
- Lecture format (講演形式):
 - ◆Lecture time (講演時間) 70 min (分), Q&A time (質疑応答時間) 10 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, presentation, discussion

- ◆ 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))

There was no need for interpretations. Students were well prepared for an English speaking presenter.

- ◆ 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。):