

(For JSPS Fellow)

Form B-5

Date (日付)

07/02/2013 (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): Lynett Danks \_\_\_\_\_ (ID No. P 11114 \_\_\_\_\_)

- Participating school (学校名): Junior high and Senior high school at Komaba, the University of Tsukuba.

- Date (実施日時): 10/11/2012 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): (in English) Osteoimmunology  
(in Japanese) \_\_\_\_\_

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

Osteoimmunology is a new field of medical research, investigating how cells of the immune system and cells of the skeleton influence each other. This subject involves the study of numerous diseases of the bones and joints, some of which are common and others which are rare. A basic background was given in simplified language, avoiding technical words. Visual representations were presented by powerpoint including a short video.

During the first part of the talk some time was given to introducing myself, the reasons why I chose to work in medical research and the highlights of a career in science. Osteoimmunology, bone cells, immune cells and how dysregulation of these cells can lead to bone diseases.

During the second part of the talk I explained the disease experimental protocols that I use, and I presented some of my data. I also explained the meaning of the findings and how I plan to continue the research during the time of my fellowship.

- 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) 25 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, Lecture only

- ◆ 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))

This time I did not bring another person because the students at this school are quite good at speaking and understanding English.

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

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

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- 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。):