

(For JSPS Fellow)

Form B-5

Date (日付)

31/01/2013 (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): Michelle Lam (ID No. P 12762)

- Participating school (学校名): Shizuoka Prefectural Iwata Minami High School

- Date (実施日時): 30/01/2013 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): (in English) An introduction to Australia and the aging male reproductive system

(in Japanese) 高齢男性生殖機能についてのイントロダクション及びオーストラリアの紹介

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

The first session of this lecture covers unique Australian foods, places and animals with a brief introduction to the Australian history. In line with the target audience interests, this session draws on my own personal experience and explains the education system in Australia, specifically at the tertiary level.

The second session covers the male reproductive physiology with a specific focus on the growing prostate and how it affects elderly men. The function of the prostate is to enhance fertilisation by producing secretions that sustain sperm as they travel up the female reproductive tract to merge with the egg. As men age, the prostate can drastically change physiology, leading to common diseases such as Benign Prostatic Hyperplasia (BPH) and prostatitis both of which causes irritable symptoms that lower the quality of life.

The purpose of my research is to determine what changes occur in the prostate and how to regulate these changes to control the symptoms associated with BPH.

- Language used (使用言語): English

- Lecture format (講演形式):

◆Lecture time (講演時間) 90 min (分), Q&A time (質疑応答時間) 30 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))

Used projector, anatomical model, whiteboard

◆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))

Assistance by accompanied person

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

Dr. Hiromi Tamada, JSPS Research Fellow

◆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。):