

(For JSPS Fellow)

Form B-5

Date (日付)

05/08/2015 (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): Han Mei (ID No. P 14711 )
- Participating school (学校名): Chiba prefectural chosei senior high school
- Date (実施日時): 16/07/2015 (Date/Month/Year: 日/月/年)
- Lecture title (講演題目): (in English) Schizophrenia: etiology and pharmacotherapy  
(in Japanese)
- Lecture summary (講演概要): Please summary your lecture 200-500 words.

I introduce my background and my university of Wollongong, Australia. I introduced my research team members and their research fields. Briefly introduce my research work. I focused on talking my PhD study topic "**Effects of Antipsychotics on the Neurotransmitter Receptors in Rat Brain**". How do I become a scientist? What is scientist qualification? Introduce some interesting new discoveries in medical field currently. I express my appreciation for Japan society for the promotion of science and their high school giving me this opportunity to introduce and share my research work to students.

**Outline of presentation**

- Motives for becoming a scientist
  - Career background
  - Many diseases can not be cured
  - Medication side effects
  - Discontinuing medication lead to relapse of disease
- My some interesting research results
  - The etiological mechanism of schizophrenia
  - The efficacy and side effect mechanism of antipsychotics
  - Early intervention treatment of schizophrenia
- Amazing research finding
  - Stem cell therapy

- Regenerative medicine
- Next generation sequencing
  
- How to become a scientist in Australia
  - Some subjects of interest
  - Graduate for bachelor or diploma in that subject
  - Honorary or masters
  - Doctorate degree
  - Join any research organization and continue your research as a scientist
  
- Desirable qualities of scientists
  - Curious and hardworking
  - Open-minded
  - Cautious in making judgment
  - Intellectually honest
  - Patient

- Language used (使用言語): English

- Lecture format (講演形式): Oral presentation

◆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))

Used 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))

Just use English by myself

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

No.

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

NO

- 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。):