

Form 3

Date (日付)

29/11/2010 (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 (参加外国人研究者氏名): Wassana Wijagkanalan (ID No. P09131)

Participating school (参加機関(受入学校名)): Wakayama Prefectural Koyo High School

Date (実施日時): 26/11/2010 (Date/Month/Year:日/月/年) Time: from 14:25 to 15:35

Lecture title (講演題目): (in English) From The Magic Bullet Concept To Drug Delivery System

(in Japanese)

Lecture summary (講演概要): The first part of talk is self introduction including myself and Thailand. The next part is scientific information such as the meaning of science and research. Then, a magic bullet concept was introduced based on the history and applications. The drug delivery system (DDS) was introduced as one of applications. An alveolar macrophage-targeting using mannosylated lipid nanoparticle was used as an example system for the treatment of lung inflammation.

Language used (使用言語): English and Japanese

Lecture format (講演形式):

Lecture time (講演時間) 50 min (分), Q&A time (質疑応答時間) 15 min (分)

Lecture style (examples: used projector, conducted experiments)

(講演方法 (例: プロジェクター使用による講演、プレ実験など))

Presentation slide with demonstration of lipid formulations

Interpreter (example: assistance by host or colleague, provided Japanese explanation by yourself)

(通訳 (例: 受入研究者によるサポート、外国人研究者本人による日本語説明))

Japanese explanation by myself

Name and title of assistant (協力者 職・氏名) (example: host or colleague)

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

Impressions and opinions of assistant (協力者から本事業に対する意見・感想等がございましたら、お願いいたします。):