

Date (日付)
10/11/2014 (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): DHEIVASIGAMANI Thangaraju (ID No. P 14050)
- Participating school (学校名): Hikawa High School
- Date (実施日時): 27/10/2014 (Date/Month/Year: 日/月/年)
- Lecture title (講演題目): (in English) Material synthesis aspects of photo sensitive nanoparticles for bio-application
(in Japanese)
- Lecture summary (講演概要): Please summary your lecture 200-500 words.
Nanotechnology is the manipulation of particles on an atomic scale. Nanoparticles are particles between 1 and 100 nanometers in size. Nanoparticles have greater surface area to volume ratio, means more surface is exposed which results in faster dissolution of nanoparticles in solution. Nanobiotechnology term refers to the intersection of nanotechnology and biology. Nano/biotechnology as a promising field has wide range of applications such as agriculture, food and nutrition science, and biomedicine. In biomedicine, numerous efforts have been focused on developing new nanomaterial's for treating diseases like cancerous tumors. Luminescent nanoparticles heve emerged as a promising nanomaterials for drug delivery applications due to their unique optical and chemical properties.
- Language used (使用言語): English
- Lecture format (講演形式): **Power Point Presentation**
- ◆Lecture time (講演時間) 70 min (分), Q&A time (質疑応答時間) 60 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))
Lecture was given in lecture hall using 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))
Japanese explanation was given by my lab by Mr. KATSUMATA (lab colleague)
- ◆Name and title of accompanied person (同行者 職・氏名)
Mr. Yasuhiko Katsumata (MS student)
- ◆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。):