（For JSPS Fellow）

Form B-5

Date（日付）

09/12/2014

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）:　　Ezzikouri Sayeh　　　　　（ID No.　P　13079）

- Participating school（学校名）: Ikeda Gakuen Ikeda Junior - Senior High School (Kagoshima-city, Kagoshima)

- Date（実施日時）: 08/12/2014

- Lecture title（講演題目）: *Hepatitis B and C Viruses : From Basic to applied Research*

　Ｂ型 C 型肝炎ウイルス:　基礎から応用研究について

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

The clarification of the epidemiological situation of viral hepatitis B (HBV) and C (HCV) in the Maghreb region (Algeria, Lybia, Tunisia, Morocco and Mauritania) can help public health decision makers to take a preventive measures such as the application of state-of-the-art hygiene procedures and rigorous controls in medical disciplines such as hemodialysis, transfusion, endoscopic procedures, and dentistry to reduce the number of new infections and also to increase vaccination coverage against HBV especially in Mauritania, country with very high prevalence of HBV.

In the African context, viral factors (viral genotypes, mutations etc ...), genomic and clinical data can help to manage in good way infected patients with hepatitis viruses. Personalized treatment could be proposed based on theses predictors. Given the long duration and the high cost of treatment plus significant side effects, identification of pre-therapeutic markers such as interleukin-28B seems to be important for managing hepatitis C virus treatment.

For Hepatocellular carcinoma (liver cancer), identification and development of new diagnostic biomarkers for early detection would provide a powerful tool to improve the management of this serious disease. However, to date, no biomarker can predict or diagnose the liver cancer at very early stages. Given that the majority of studies on liver cancer come from Asian countries, an effort should be made to include patients from Africa, region with very high incidences of liver cancer.

- 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）　　10 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））

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））

_____no_____

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

Kyoko Tsukiyama-Kohara, Professor_____

◆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。）:

He presented culture and history of Morocco, his scientific background and present research, warmly. I guess all of the students seem to be enjoyed. But surprisingly non of the students know where is Morocco. In that meaning, this time should be a good experience for students.