

(For JSPS Fellow)

Form B-5

Date (日付)

30/July/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): yingying wang (ID No. P 13210)

- Participating school (学校名): Nagano Prefecture Suwa Seiryō High School

- Date (実施日時): 22/July/2013 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): (in English) Introduction to Cancer Basics

(in Japanese) がんについての紹介

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

Cancer is a class of diseases characterized by out of control cell growth. Cancer harms the body when damaged cells divide uncontrollably to form lumps or masses of tissue called tumors.

Tumors can grow and interfere with the digestive, nervous, and circulatory systems and they can release hormones that alter body function. Tumors that stay in one spot and demonstrate limited growth are generally considered to be benign.

More dangerous, or malignant, tumors form when two things occur:

A cancerous cell manages to move throughout the body using the blood or lymph systems, destroying healthy tissue in a process called invasion that cell manages to divide and grow, making new blood vessels to feed itself in a process called angiogenesis.

Cancer can be broadly grouped into different types, depending on which tissues they come from. There are so many reasons to cause cancer, including genetic factors, lifestyle factors such as tobacco use, diet, and physical activity, certain types of infections and so on. However, if we avoid contact with cancer inducing factors, you may not develop cancers.

- Language used (使用言語): English

- Lecture format (講演形式):

◆Lecture time (講演時間) 60 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))

Projector, computer, video, and pictures show from the book

◆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)

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。):