

(For JSPS Fellow)

Form B-2  
(FY2018)

Date (日付)

07/05/2018 (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): Eva Knoch (ID No. P17749)

- Participating school (学校名): Chiba Prefectural SAKURA High school

- Date (実施日時): 23/04/2018 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): Natural Products from Plants

- Name and title of your accompanying person (講義補助者 職・氏名)

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- Lecture format (講演形式):

◆Lecture time (講演時間) 90 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))

Lecture about plant natural products using slides, whiteboard and questions to the students. Then students performed an experiment, and afterwards I talked about my background and career and students had time to ask questions.

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

Introduction to the large diversity of natural products from plants. Focused on the example of how glucosinolates function as defense compounds and the concept of compartmentalization. Then students performed paper chromatography of extracts from green and purple radish sprouts and we discussed their results and how chromatography is used in research.

I gave a short overview of my background, my education and career and students had time to ask questions.

- Overall advice or comments to future participants in the program (今後の講師へのアドバイス):

English language was a problem for many of the students. So keep it simple, and maybe get their teacher's help to convey your most important points to them in Japanese will help that everybody can follow and participate to some extent.

- Other noteworthy information (その他特筆すべき事項):

- Impressions and comments from the accompanying person (講義補助者の方から、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。)