

(For JSPS Fellow)

Form B-5

Date (日付)

21/10/2015 (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): Kenny Kuchta (ID No. P15108)

- Participating school (学校名): 山梨県立日川高等学校

- Date (実施日時): 14/09/2015 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): (in English) What's so great about pharmacognosy?

(in Japanese) 生薬学はなぜ面白いのか?

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

I started my lecture with an explanation of my home in Germany and Europe, continuing with my education in at St. Ursula high school in my hometown Werl, which is integrated into the local Catholic monastery, and subsequently at the universities of Münster and Leipzig. Taking these institutions as examples, I continued to elucidate the roots of Traditional European Medicine in the ancient Mediterranean civilisations of Egypt, Greece, and Rome as well as the transmission of this medicinal knowledge to Northern Europe by medieval monasteries and universities. I then tried to draw parallels to the history and philosophy of Japanese Kampo medicine and used these points to lead to my personal experimental research projects in these fields. These include an in vitro PPAR α , β/δ , γ in vitro Luciferase Reporter Gene Assay which we have used to screen Japanese, German, and Mexican medicinal plants for their potential against the metabolic syndrome. Furthermore, I studied the clinical efficacy of a TCM based phytotherapy concept against atopic dermatitis (AD) in a clinical research project, including works on dermatological TCM therapy for AD and related comorbid conditions. Finally, I also explained my current research project on the use of Brassica campestris pollen preparation for the treatment of benign prostatic hyperplasia (BPH).

- Language used (使用言語): 大体 英語 日本語の説明 (ドイツ語 ちょっと)

- Lecture format (講演形式):

◆Lecture time (講演時間) 80 min (分), Q&A time (質疑応答時間) 20 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))

プロジェクター使用による講演

◆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))

講師本人による日本語説明

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

~~◆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。):~~