

(For JSPS Fellow)

Form B-2  
(FY2018)

Date (日付)

03/10/2018 (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) : Saidalimu YIWUREYIMUJIANG  
(ID No. P17042)

- Participating school (学校名): Aichi Prefecture Jishukan Senior High School

- Date (実施日時): 22/ 09/ 2018 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): Organic Chemistry, fluorine chemistry and Our Life

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

Yoshioka Takuya (吉岡 拓哉)

- Lecture format (講演形式):

◆Lecture time (講演時間) 70 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))

Powerpoint presentation using computer and projector

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

In this lecture, firstly, I introduced my own country and nation, explaining many aspects of our culture such as official national language, landscapes, foods, music, and art. From here, I expanded on my education career, my research team and what motivated let me become a researcher. After this I started to introduce the what is chemistry, why the chemistry is very important in our life. Also, introduced the organic chemistry and some interesting story about organic synthesis.

My research is about fluorine chemistry, so in the second part, I mainly introduced the fluorine chemistry and use of fluorine in pharmaceuticals. From here on, I have discussed some results of my research work, the students were briefly shown slides explaining the preparation of fluorination reagents, optimization conditions and their application to the fluorination reactions. Further along in the talk, I also simply introduced the main equipment (with pictures) in our lab and school using for organic chemistry.

Finally, we discuss "how to improve your English" this topic, and I have introduced my personal experience in English learning – especially after studying abroad.

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

To be careful not to make the presentation too technical or advanced, and to make sure you can explain clearly and simply what your research is to high school students.

- 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。)

All the Jishukan Senior High School members were very kind and professional the whole time, helping me with everything they could. I could not imagine a better reception.