

(For JSPS Fellow)

**Form B-5**

Date (日付)

15/1/2018 (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): Ji-Seong Kim (ID No. P16395)

- Participating school (学校名): TAKEZONO high school

- Date (実施日時): 21/12/2017 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): What scientist doing

- Name and title of your company (同行者 職・氏名)

none

- Lecture format (講演形式):

◆Lecture time (講演時間) 45 min (分), Q&A time (質疑応答時間) 5 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))

presentation using projector

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

1. Parthenocarpy is a development into a seedless fruit without pollination. Parthenocarpic fruit can be induced by increase of plant hormones in plant. However increase of plant hormones also has some bad effect on plant. In order to make parthenocarpic tomato without bad effect, we make transgenic tomato plants by manipulation of plant hormone related gene and tissue specific promoters. Transgenic tomato plants successfully formed parthenocarpic tomato fruit without bad effect on plant.

2. Becoming a scientist.

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

1. Sometimes the students have lack of knowledge about future participants' research area.

Future participants need to use very easy terms if possible.

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

- Impressions and opinions from a company (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。)