

(For JSPS Fellow)

Form B-5

Date (日付)

(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) Li-Kun Phng (ID No. P14385)

- Participating school (学校名) Hirakata Senior High School

- Date (実施日時) 23/06/15 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): (in English) Using zebrafish to visualise and study blood vessel formation.

(in Japanese)

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

The lecture consisted of a short summary of my background e.g. where I was born, where I was educated and how studying and research brought me around the world. I then proceeded to describe my field of research, vascular biology, and explained how I use the zebrafish, genetics and live imaging to study the process of blood vessel formation. I further showed the students the dynamics of F-actin during blood vessel development, and how the protein Fmn13 regulates F-actin assembly at cell-cell junctions to regulate vessel lumen formation.

- Language used (使用言語): English

- Lecture format (講演形式):

◆Lecture time (講演時間) 30 min (分), Q&A time (質疑応答時間) 15 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 and demonstration of zebrafish embryos using light microscope.

◆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))

Colleague

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

Dr. Koji Ando

◆Other note worthy information (その他特筆すべき事項):

Must be typed

- 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。):