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**（学校用）**

**様式 A-1**

**(FY2025)**

2025 年 4 月 24 日

# サイエンス・ダイアログ　実施報告書

1. 学校名:市立札幌清田高等学校

2. 講師氏名: Dr. **Lim Qi Luan**

3. 講義補助者氏名:なし

4. 実施日時: 2025 年 4 月 22 日 （ 火 ） 10 : 45 ～ 11 : 35

5. 参加生徒: 3年生 38 人(合計 38 人)
   備考:(グローバルコースの生徒)

6. 講義題目:ワールドスタディズ

7. 講義概要:マレーシアの文化とバクについて

8. 講義形式:
   ☑対面 ・ □オンライン （どちらか選択ください。）
   1) 講義時間 80 分　　質疑応答時間 20 分

   2) 講義方法（例:プロジェクター使用による講義、実験・実習の有無など）
      プロジェクター使用による講義

   3) 事前学習
      ☑有 ・□ 無 （どちらか選択ください。）
      使用教材: 講師から事前にいただいた概要を使って内容理解と質問作り

9. その他特筆すべき事項:
   特になし

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**Form B-2**
**(FY2025)**
**Must be typed**

Date（日付）
27/4/2025 （Date/Month/Year：日/月/年）

# Activity Report -Science Dialogue Program-
**（サイエンス・ダイアログ 実施報告書）**

- Fellow's name（講師氏名）: LIM QI LUAN （ID No. P23396 ）

- Name and title of the lecture assistant（講義補助者の職・氏名）

- Participating school（学校名）: Sapporo Kiyota High School

- Date （実施日時） 22/4/2025 （Date/Month/Year:日/月/年）

- Lecture title（講義題目）:
Conservation genetics of the Malayan tapirs

- Lecture format（講義形式）:
  ◆☒Onsite ・ □Online (Please choose one.)（対面 ・ オンライン）（(どちらか選択ください。)）
  ◆Lecture time（講義時間） 70 min（分）, Q&A time（質疑応答時間） 30 min（分）
  ◆Lecture style（ex.: used projector, conducted experiments）
  （講義方法（例:プロジェクター使用による講義、実験・実習の有無など））
  Slide presentation using a projector

- Lecture summary（講義概要）: Please summarize your lecture within 200-500 words.

During my presentation at the JSPS Science Dialogue, I discussed my background and my journey to Japan, and my research. I introduced my country, Malaysia, and its multi-racial and multi-cultural makeup, including Malay, Chinese, and Indian populations, and the diversity of languages spoken. I also highlighted similarities between Malaysian and Japanese culture, such as the celebration of Bon Odori and the popularity of Japanese manga and anime.

My journey to Japan was motivated by my desire to seek enhanced opportunities for scientific research, better educational and research facilities, and to experience a new environment in a different country. I shared my interests in animals and programming, which led me to research endangered wildlife and use bioinformatics. The presentation detailed the multifaceted life of a scientist, including research project development, grant writing, conducting experiments, publication, and staying current with scientific advancements. I also emphasized the importance of time and money management, ethical research practices, and effective communication.

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A significant portion of my presentation was dedicated to my research in conservation genetics, specifically the study of tapirs. I talked about the characteristics of tapirs, particularly the Malayan tapir, and their extinction risks due to human threats and habitat loss. I explained how genetic knowledge can aid in tapir conservation efforts, including captive breeding programs. I presented some of my previous data and results, selected to ensure easy understanding while conveying important and interesting messages. I also discussed the challenges in this research, including difficulties in obtaining samples and the expense of genetic analyses. The presentation concluded with advice for the students, regardless of their career aspirations, including the importance of proactivity, meticulous planning, networking, continuous learning, and strong English communication skills.

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

To aid students' understanding, I explained that I used Japanese translations of some technical keywords, although these weren't in the slides. For example, I translated key terms such as "conservation" (保全, *hozen*), "genetics" (遺伝学, *iden-gaku*), and "tapirs" (バク, *baku*) to help students grasp the context of my lecture. The lecture was separated into two sections, each with its Q&A time to avoid students losing attention because of long hour of lecture.

- Impressions and comments from the lecture assistant（講義補助者の方から、本プログラムに対する意見・感想等がありましたら、お願いいたします。）: