

平成25年11月16日

サイエンス・ダイアログ 実施報告書

1. 学校名・担当者氏名: 佐賀県立致遠館高等学校・尊田和寿
2. 講師氏名: Pedro Eduardo Ferreira
3. 同行者氏名: なし
4. 実施日時: 平成 25 年 11 月 16 日 (土) 10:00~12:00
5. 参加生徒: 2年生 40人
備考: 理数科・普通科理系の生徒
6. 講演題目: マラリア原虫のカルシウムシグナル
7. 講演概要:

Dr. Pedro Ferreira is a JSPS Postdoctoral Fellow based at the Nagasaki University, Tropical Medicine Institute; he completed his postgraduate studies (PhD) at Karolinska Institute, Sweden. His research specializes in infectious diseases, drug resistance, and his current research project focuses on the development of genetic calcium sensors for the malaria parasites.

In the first part of the lecture, he introduced himself and his home country, Portugal, from a general and historical point of view in regards to the link between Japan and Portugal. In particular, he explained why he had decided to pursue his postgraduate studies in a foreign country (Sweden) and why he had moved to Japan in 2011 to work on his new research project. He emphasized the importance of learning English as a second language in a globalized and multicultural world, for both personal and professional development.

In the second part of the lecture, Dr Pedro Ferreira presented the Public Health basis for malaria research. First, he defined what was ‘malaria’ and gave some examples of how and why was important for Humankind to fight this infectious disease.
8. 使用言語: 英語
9. 講演形式:
 - (1) 講演時間 100 分 質疑応答時間 20 分
 - (2) 講演方法 電子黒板による講演
 - (3) 通訳 なし
 - (4) 事前学習時使用教材(事前学習を行った場合のみ)

10. 学校からの支給経費(該当がある場合): なし

11. その他特筆すべき事項: なし