



外国出張報告書

平成 26 年 3 月 14 日

1. 出張国名 ドイツ
2. 出張月 平成 26 年 2 月
3. 出張目的 リン酸利用効率に関する遺伝生理学的要因の解明とその育種利用等に関する視察及び共同研究の準備のため：B
4. 成果の概要

The purpose of this trip was to visit the Max Planck Institute (MPI) for Plant Molecular Biology in Golm/Potsdam, Germany.

In 2013 I had sent leaf samples of several rice genotypes grown under different levels of phosphorus (P) supply to the MPI for metabolome analysis. The target of that analysis is to identify metabolomics patterns that would differentiate phosphorus efficient from inefficient genotypes.

Additional discussions were held to explore further possibilities for collaborations on the topic of P efficiency, to take advantage of the high-throughput metabolomics and transcriptomics facilities at MPI.

Exchanges of staff between both institutes were considered.