大学名	鹿児島大学		
University	Kagoshima University		
外国人研究者	ララモ		
Foreign Researcher	HLA HLA MOE		
受入研究者	下桐 猛	職名	准教授
Research Advisor	Takeshi SHIMOGIRI	Position	Associate Professor
受入学部/研究科	農学 部		
Faculty/Department	Faculty of Agriculture		

<外国人研究者プロフィール/Profile>

ミャンマー	
Myanmar	
獣医科学大学	
University of Veterinary Science	
講師	
Lecturer	
90日間(8/18-11/15)	
90 days (August 18th to November 15th)	
家畜生産学(動物遺伝育種学)	
Animal Science (Animal Breeding and Genetics)	



研究室での実験の様子/ A scene of the experiment in the laboratory

<外国人研究者からの報告/Foreign Researcher Report>

①研究課題 / Theme of Research

Genotyping of DNA markers in Myanmar native cattle and crossbred cattle

②研究概要 / Outline of Research

The aim of this research is to determine genetic characterization of Myanmar native cattle and crossbred cattle by using 80 indel markers and 8 DNA markers associated with economical important traits in Bos taurus. In addition, I tried to detect bovine leukemia virus (BLV) DNA using DNA samples from cattle blood.

③研究成果 / Results of Research

We found that 80% of 80 indel markers were polymorphic and 20% were monomorphic in Myanmar cattle populations. Genotyping of 8 DNA markers associated with economical important traits showed that the 6 markers were polymorphic. I checked BLV infection using the DNA samples from cattle blood and some cattle showed positive results of BLV.

④今後の計画 / Further Research Plan

I will continue to perform the genotyping of the indel markers and the DNA markers associated with bovine economical traits and checking of BLV infection using a large number of Myanmar cattle DNAs in my university. And then, we will publish these results in international journal. I also discuss with my professor for future collaboration research.





学長との会談/ A scene of meeting with president of Kagoshima University



学会での口頭発表の様子 A scene of oral presentation in a conference







ポスター発表の様子/ A scene of poster presentation in a conference



研究室での懇親会の様子 A scene of a farewell party in the laboratory