

Research News

Promotion of domestication of giant rodent grasscutters for environmental protection and food safety in West Africa

Aim of this project:

Create a new livestock industry in West Africa, protect the environment and ensure a safe diet

This project establishes a breeding platform for domestication of wild herbivorous giant rodent grasscutters that are edible in West African countries

New animal facility in the University of Ghana



Ghana

University of Ghana

UNIVERSITY OF GHANA - LEGON



NGO (GIFT)

GIFT



Project teams

Japan



National Institute of Genetics



Kyoto University



宮崎大学
University of Miyazaki

Genome analysis



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Selective breeding

Analysis of the behavioral livestock index



Domestication of wild grasscutters

- Analysis of behavioral livestock index
- Characterization of genomic polymorphism
- Genetic analysis of domestication
- Establishing domesticated grasscutters

Future goal:

- Establishing domesticated grasscutters
- Create a new livestock industry

