

Prof. Atsushi HIGASHITANI and Jun HIDEWA' s Molecular Genetics and Biogenetics Group Graduate School of Life Science, Tohoku University

A group has an excellent track record in nuclear, mitochondrial, and chloroplast genomic DNA research. A world-class research group with a total of 27 members.



Prof. Tsutomu KUBOYAMA Regional and Comprehensive Agriculture Department of Agriculture Ibaraki University

Comprehensive advisor for radiation breeding at QFF. An expert in the molecular genetics of rice, morning glory, and chrysanthemum.



Prof. Hiroshi EZURA A Leading Expert on Genome Editing (Crisper Cas9) in Plants Tsukuba University

He is famous for bringing the “world's first genome-edited tomato” to market. QFF collaborate with him on strawberry breeding.



OPERA Program on Open Innovation Platform with Enterprises, Research Institute and Academia

We participate in “OPERA”, and aim to create innovative cutting-edge technologies for food and agriculture.



Biotechnology Research Institute Ibaraki Prefectural Agricultural Research Center

QFF collaborates especially in the breeding of Kiku (chrysanthemum), pear, meron and rose.



SetsuroTech Inc. Genome Editing ST8 Excellent in animal breeding

Collaboration between Genome Editing and Neutron Breeding establishes “the world's fastest” breeding technology.



Breeding Technology

Inplanta Innovations Inc. EMS Processing and Breeding Services

Collaboration of Neutron Breeding with EMS has realized even more efficient breeding.



Neutron Technology

KEK The High Energy Accelerator Research Organization Accelerator experts in Japan



J-PARC High Intensity Positron Accelerator Facility



JRR-3 Reactor Neutron Source



Kyoto University Small Neutron Source

