### Prof. Atsushi HIGASHITANI and Jun HIDEMA'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

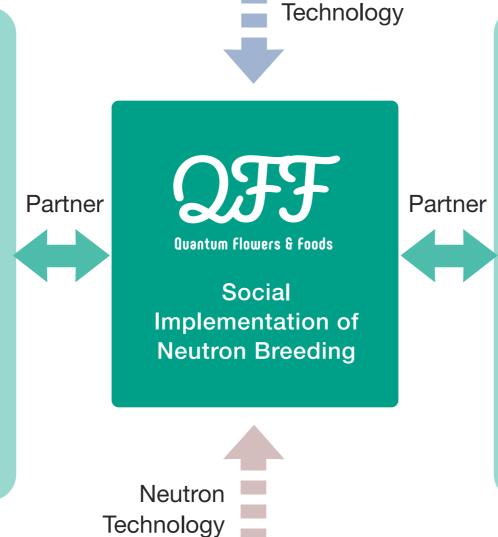
QFF collaborates especially in the breeding of Kiku (chrysanthemum), pear, meron and rose.



# SetsuroTech Inc. Genome Editing ST8 Excellent in animal breeding

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





Breeding

## Inplanta Innovations Inc. EMS Processing and Breeding Services

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



#### **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**

