

Inter-project joint open seminar (free)

New prospect of agriculture and bioindustry using genome editing technology



Program

◆ Keynote speech

13:05-13:35

Accelerating Plant Gene Editing Through *De Novo* Meristem Induction

Daniel F. Voytas (Professor, Univ. of Minnesota, USA)

◆ Lecture I

13:35-15:05

Structure-based engineering of CRISPR-Cas9

Hiroshi Nishimasu (Associate professor, Univ. of Tokyo)

Development of base editing technology and its applications

Keiji Nishida (Professor, Kobe Univ.)

New DNA/RNA editing techniques based on PPR protein

Takahiro Nakamura (Associate professor, Kyushu Univ.)

Short break

15:05-15:15

◆ Lecture II

15:15-16:35

Genome editing using natural and engineered CRISPR variants in plants

Seiichi Toki (Research Unit Head, NARO)

Shooting SAM for crop transformation and genome editing

Ryozo Imai (Senior Principal researcher, NARO)

Advancement of Asian cassava molecular breeding by the use of genome editing technologies

Motoaki Seki (Team Leader, RIKEN)

Current research focus on gene editing in tomatoes

Hiroshi Ezura (Professor, Univ. of Tsukuba)

Discussion

16:35-17:00

Banquet

17:30-19:30