

Genome Editing Technology: From Research to Industrial Application Program

Date: 10:00-17:00 (Saturday) September 10th, 2022 Osaka, Japan | HYBRID

Time schedule		Speakers
10:00-10:05	Opening	Nozomu Koizumi (Osaka Metropolitan University)
Session1 Chairs: Tohru Ariizumi		
10:05-10:35	Genome-edited tomatoes becoming familiar in Japan	Minako Sumiyoshi (Sanatech Seed, Japan)
10:35-11:15	Genome edited Health Seeds of G+FLAS Life Sciences: glycoengineered <i>Nicotiana benthamiana</i> and Provitamin D3 tomato	Sunghwa Choe (G+FLAS, Korea) Online
11:15-11:45	Innovation in Aquaculture using Nanogene Breeding Method	Shunsuke Ishimoto (Regional Fish Institute, Japan)
11:45-12:25	Gene Editing in row crops (maize); technical and regulatory considerations and state of play	Marc Cool (Corteva Agriscience, USA)
12:25-13:40	Lunch break	
Session2 Chairs: Nobutaka Mitsuda		
13:40-14:10	Gene App: Direct gene-editing method for various crops	Masaki Niwa (GRA&GREEN Inc., Japan)
14:10-14:50	Harnessing Cutting-Edge Genetic Innovation to Address the Distinct Needs of Tropical Agriculture	Jack Peart (Tropic Biosciences, UK)
14:50-15:20	Let's join the genome editing industry with Setsuro Tech's R&D platform "PAGEs"	Takahiro Agari (SetsuroTech, Japan)
Session3 Chairs: Kenji Miura		
15:20-16:00	Low asparagine CRISPR wheat: Europe's first field trial of gene edited wheat lines	Nigel Halford (Rothamsted Research, UK)
16:00-16:30	Base editing technology for industrial applications	Keiji Nishida (Bio Palette, Japan)
16:30-16:55	Q and A	Hiroshi Ezura (University of Tsukuba)
16:55-17:00	Closing	Hiroshi Ezura (University of Tsukuba)