



UC BERKELEY



PLANT GENOME ENGINEERING SYMPOSIUM

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PIONEER.

8:30

Registration & Breakfast

9:00 Neal Gutterson

Dupont-Pioneer Opening Statement

9:20 Jennifer Doudna

CRISPR Biology & Technology: The Future of Genome Engineering in Plants

9:50 Peggy Lemaux

Genetic Modification Has & Will Play a Role in Feeding People. But, is the Regulatory Burden Consistent with Risk?

10:20

Break

10:50 Brian Staskawicz

Genome Editing Plants for Durable Resistance

11:20 Steve Jacobsen

Targeted Epigenetic Modification in Plants

11:50 Dominique Loqué

Developing Genetic Tools for Crop Engineering

12:30

Lunch

1:50 Mark Cigan

CRISPR-Cas Enabled Accelerated and Targeted Plant Breeding

2:20 Student Talk

Benjamin Oakes: *Identification of Hotspots in CRISPR-Cas9 for Molecular Engineering and Allosteric Control*

2:35 Student Talk

Jenna Gallegos: *Introns Versus Promoters: Who's Doing All the Work?*

2:50 Student Talk

Bastian Minkenberg: *Discovery of Rice Essential Genes by Characterizing CRISPR-Edited Mutation of Closely Related Rice MAP Kinase Genes*

3:05

Break

3:35 Daniel Voytas

Optimizing Gene Targeting in Plants

4:20 Closing Remarks

4:25

Reception and Poster Session

5:45

Poster Winners and Prizes

*Poster session is sponsored by the
Innovative Genomics Initiative*



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