



Saturday, October 21, 2023

Presented by the Plant Biology Graduate  
Program UMass Amherst  
<https://gpls.cns.umass.edu/pb>



## Biology of Chloroplasts and Mitochondria

Saturday, October 21, 2023, 9:00 am to 6:00 pm

**Talks** Integrated Sciences Building (ISB)  
**Poster sessions, lunch and reception** 11th floor Campus Center

8:30 AM Registration ISB Atrium

9:00 AM Welcome ISB Auditorium

*Ana Caicedo*, PB Program Leader

9:05 AM Structural Insights into Plant Respiration  
MARIA MALDONADO  
Department of Plant Biology, UC Davis  
(Introduced by Sibongile Mafu)

9:55 AM Break

10:10 AM Mechanisms of Mutation Rate Variation in Plant Mitochondria  
DANIEL SLOAN  
Department of Biology, Colorado State University  
(Introduced by Michelle Facette)

11:00 AM Understanding and Altering Chloroplast Photoprotection  
to Improve Crop Productivity  
KRISHNA NIYOGI  
Department of Plant and Microbial Biology  
UC Berkeley  
(Introduced by Michelle DaCosta)

12:00 -  
2:00 PM Poster set-up, lunch and poster preview  
Campus Center, 11<sup>th</sup> floor

2:10 PM Welcome to afternoon session ISB Auditorium

*Alice Cheung*, Biochemistry and Molecular Biology

2:20 PM Cellular and Physiological Effects of Chloroplast/  
Mitochondrial Iron Export

JEEYON JEONG  
Department of Biology, Amherst College  
*(Introduced by Alice Cheung)*

3:10 PM NORDIN LECTURE: Improving Photosynthesis Through  
Chloroplast Engineering

MAUREEN HANSON  
Department of Molecular Biology and Genetics  
Cornell University  
*(Introduced by Elizabeth Vierling)*

4:00 – Reception and Poster Session  
6:00 PM Campus Center, 11<sup>th</sup> floor