



DR. MARKITA LANDRY

Nanomaterials Enable Delivery of Genetic Material Without Transgene Integration in Plants

Plant bioengineering requires delivery of biomolecules for genetic or post-transcriptional manipulation of plants, however, current delivery methods either suffer from host range limitations, low transformation efficiencies, In this talk, we highlight recent results for non-biolytic protein delivery in plants with newly-discovered cell penetrating peptides towards DNA-free genome editing.

Spring 2025 PSLA

LECTURE

SERIES

March 3, 2025

**PLS Building RM
2107/2109**

Time:

12PM

[UMD Zoom](#) (passcode: 326994)

**Graduate student lunch
w/ speaker**

1PM

PLS 2107/2109

Markita Landry is an associate professor in the department of Chemical and Biomolecular Engineering at the University of California, Berkeley. Markita is a member of the scientific advisory boards and a consultant for several major agricultural companies, and a recipient of over 40 career awards.



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