A novel method for nanopatterning light-harvesting LHCII complexes

Significance and Impact

LHCII binds 50% of the Earth's chlorophyll. Nanopatterns of LHCII provide new experimental platforms for investigating LHCII function.

Theme 1: Native Antenna
Theme 2: Biohybrid Antenna
Theme 3: Bioinspired Antenna

Gabriel Montano, Ed Gonzales (Center for Integrated Nanotechnologies, Los Alamos National Laboratory)
Cvetelin Vasilev, Lin Wang, Matt Johnson, Ashley Cadby, Neil Hunter (University of Sheffield, UK)