

Oral Presentations

Oral Presentation 1

Kinetics and targeting of Vipp1 aggregation in cyanobacteria

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Oral Presentation 2

Thermodynamics plays an important role in enhancing terpene productivity in cyanobacteria

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Oral Presentation 3

Multi-layer Regulation of Rubisco in Response to Altered Carbon Status in *Synechococcus elongatus* PCC 7942

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Oral Presentation 4

Engineering natural competence into the fast-growing cyanobacterium *Synechococcus elongatus* UTEX 2973

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Oral Presentation 5

High-resolution cryo-EM structure of photosystem II from the mesophilic cyanobacterium, *Synechocystis* sp. PCC 6803

Christopher J. Gisriel¹, Jimin Wang², Jinchuan Liu², David A. Flesher², Krystle M. Reiss¹, Hao-Li Huang¹, Ke R. Yang¹, William H. Armstrong³, M. R. Gunner⁴, Victor S. Batista¹, Richard J. Debus⁵, and Gary W. Brudvig^{1,2}

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Oral Presentation 6

Functional role of D1-E189 ligand during the light driven assembly of nature's water oxidizing complex

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Oral Presentation 7

A Simple Electrostatic Model for Accurate Prediction of Mutation-Induced Frequency Shifts in Water-Soluble Chlorophyll Proteins

Amit Srivastava, Safa Ahad, Jacob H. Wat and Mike Reppert

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Oral Presentation 8

Interplay between LHCSR proteins and state transitions govern the NPQ response in intact cells of Chlamydomonas during light fluctuations.

Collin J. Steen ^{*,1,2,3}, Adrien Burlacot ^{*,4,5,6}, Audrey H. Short ^{2,3,7}, Krishna K. Niyogi ^{2,4,5}, Graham R. Fleming ^{1,2,3,7}

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