Public Announcement
BioSolarH_2 Mid-Term Review
AFOSR-MURI Project
November 1, 2007
Princeton University

Lewis-Siegler Genomics Institute, Lecture Room 101 **Open to Public**

9:00 – 9:15	Introduction MURI Program	Walter Kozumbo, AFOSR
9:15 – 9:45	BioSolarH_2 MURI Overview	Charles Dismukes, Princeton University
9:45 – 10:10	H_2 production by stressed cyanobacteria	Charles Dismukes, Princeton University
10:20 – 10:45	Genomic and molecular biological approaches to improved H_2 production in cyanobacteria	Donald Bryant, Penn State University
10:55 – 11:15	Break	
11:15 – 11:40	Algal photohydrogen production	Matthew Posewitz, Colorado School of Mines
11:50 – 12:15	Hydrogenase structure, function, and biosynthesis,	John Peters, Montana State University

Lewis-Sigler Genomics Institute Atrium

12:45 – 2:00	**Poster Session**	**Open to Public**
	Prospecting for biohydrogen producers	Laura Beer, Colorado School of Mines
	Knallgas-/cyanobacteria synergism	Jim Spain, Georgia Inst. Tech.
	Directed laboratory evolution	Robert Austin, Princeton University
	Hydrogenase proteomics and bioinformatics	Eric Hegg, Michigan State Universit
	Computational modeling of FeFe-hydrogenase	Ruth Pachter, Air Force Res. Labs

2:15 – 4:00 **Facilities Tour, Hoyt & Frick Laboratories** **Closed to Public**

Hoyt17	J. Meuser & D. Kolling: High throughput screening methods
Hoyt21	G. Ananyev: In vivo H_2 & NAD(P)H detection, biomass quantum efficiency
Hoyt13	K. McNeely & Yu Xu: Metabolic engineering for improved biohydrogen
Frick24	D. Carrieri & I. Pelczer: High-field, high-sensitivity NMR for biohydrogen metabolite analysis
Frick27	N. Bennette, N. Skizim & J. Eng: LC-MS biohydrogen metabolomics & proteomics

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