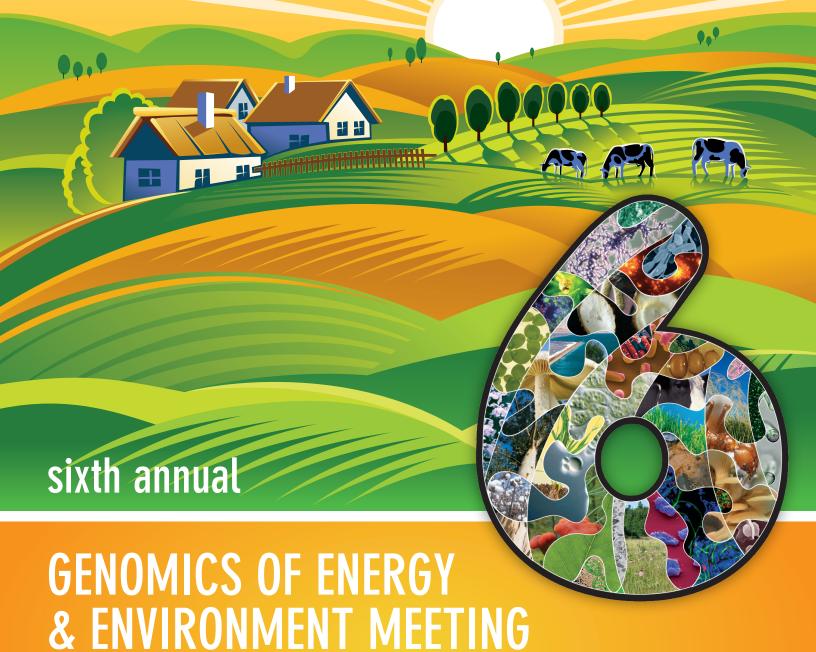




The 2011 Department of Energy Joint Genome Institute (DOE JGI)



March 22-24 / Walnut Creek, California

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5:00 – 6:00 PM	Welcome and Keynote Address
5:00 PM	The Turn-on of LCLS: the X-Ray Free-Electron Laser at SLAC Persis Drell, Stanford University, Director of SLAC National Accelerator Laboratory
5:40 PM	The Gulf Oil Spill: Ecogenomics and Ecoresilience Terry Hazen, Lawrence Berkeley National Laboratory, Joint BioEnergy Institute
6:30 – 10:00 PM	Opening Reception and Poster Session

WEDNESDAY, March 23

8:30 – 12:00 PM	SESSION I	
8:30 AM	Evolutionary Genomic Analyses of Insect Society: Eat, Drink, and Be Scary Gene Robinson, University of Illinois at Urbana-Champaign	
9:00 AM	Comparative Metagenomics of Gut and Ocean: Identification of Microbial Marker Genes for Complex Environmental Properties Peer Bork, European Molecular Biology Laboratory (EMBL) Heidelberg	
9:30 AM	Break	
10:00 AM	Resequencing in <i>Populus</i> : Towards Genome Wide Association Genetic Jerry Tuskan, Oak Ridge National Laboratory	
10:30 AM	Designing Biological Systems for Sustainability and Programmed Environmental Interface Pam Silver, Harvard University	
11:00 AM	Spatially and Temporally Resolved Studies of the Human Microbiome Rob Knight, University of Colorado	
11:30 AM	DOE JGI New Technologies and Capabilities Available to Users Len Pennacchio, DOE JGI	
12:00-1:15 PM	Lunch	
1:15 – 3:00 PM	SESSION II – Strategic Planning, User Programs and User Input	
1:15 PM	DOE JGI Strategic Overview Eddy Rubin, DOE JGI	
1:35 PM	DOE JGI User Program, CSP Jim Bristow, DOE JGI	
1:55 PM	User Input on DOE JGI User Programs, Strategic Planning and Other Issues DOE JGI Users, DOE JGI Senior Management	
2:40 PM	Break	
3:30 – 4:30 PM	SESSION III	
3:30 PM	Genomic Analysis of Speciation and Adaptation in Aquilegia Scott Hodges, University of California, Santa Barbara	
4:00 PM	Low Temperature Regulatory Networks Controlling Cold Acclimation in Arabidopsis Mike Thomashow, Michigan State University	
4:30 PM	Genomics of Extinct and Endangered Species Stephan Schuster, Penn State University	
5:00 – 6:00 PM	Travel to DOE JGI: Bus Service from Marriott	
6:00 – 9:00 PM	Reception, Poster Session and Tours at DOE JGI	
7:00 – 9:00 PM	Travel from DOE JGI: Bus Service to Marriott	

THURSDAY, March 24

8:30 - 11:45 AM	SESSION IV	
8:30 AM	Relating Host Genetic Variation to the Microbiome Ruth Ley, Cornell University	
9:00 AM	Insights from Sequencing the World's Most Diverse Crop: Maize Ed Buckler, USDA-ARS, Cornell University	
9:30 AM	Break	
10:00 AM	Metatranscriptomics of Marine Microbial Communities Mary Ann Moran, University of Georgia	
10:30 AM	How to Eat a Wooden Ship: A Genomic View of Wood-eating Bacterial Endosymbiosis in the Shipworm Bankia setacea Dan Distel, Ocean Genome Legacy	
11:00 AM	Remote Detection of Marine Microbes in Coastal Waters and the Deep Sea Using the Environmental Sample Processor (ESP) Christopher Scholin, Monterey Bay Aquarium Research Institute (MBARI)	
11:30 – 1:30 PM	Lunch	
1:30 – 4:30 PM	SESSION V	
1:30 PM	Hardware and Software Trends in Computational Systems for Biology Kathy Yelick, National Energy Research Scientific Computing Center (NERSC)	
2:00 PM	The Physiological Genomics of <i>Panicum</i> : Exploring Switchgrass Responses to Climate Change Tom Juenger, University of Texas at Austin	
2:30 PM	How to Lose Half your Genome in 10 million Years and Live to Tell the Tale: Comparative Genomics of Arabidopsis Iyrata and A. thaliana Magnus Nordborg, Gregor Mendel Institute (GMI)	
3:00 PM	Break	
3:30 PM	Tackling Metagenomics' Largest Challenge: The Great Prairie Project Jim Tiedje, Michigan State University	
4:00 PM	Massive Discovery of Biomass Degrading Genes and Genomes in Rumen Zhong Wang, DOE JGI	
4:30 PM	End of User Meeting	

Call for Large-Scale Genome Sequencing Proposals

The JGI Community Sequencing Program (CSP) is now accepting letters of intent for large-scale sequence-based genomic science projects that address questions of relevance to DOE missions in bioenergy, global carbon cycling, and biogeochemistry. Proposals are especially encouraged that address plant-microbe interactions and microbial emission/capture of greenhouse gases.

All projects should:

- Be of significant scale
- Engage large groups of collaborators, and
- Require JGI capabilities in addition to genome sequencing.

Opportunities exist for users to visit the JGI and participate with the JGI staff in the generation and analysis of data.

Deadline: April 12, 2011

Letters of intent will only be accepted electronically and should be submitted at http://proposals.jgi-psf.org/

Applicants will be advised whether to prepare a full proposal within two weeks.

Full proposals due June 1st

Proposals will be independently peer-reviewed and ranked. Final decisions based on ranking will be made by JGI senior management with final approval given by DOE program management.

Workshops and Satellite Meetings

MONDAY, March 21

9:00 AM - 6:00 PM	IMG Workshop	WCM Contra Costa I	Level B1
9:00 AM – 9:00 PM	Basidiomycetes Jamboree (By Invitation Only)	WCM Contra Costa II	Level B1

TUESDAY, March 22

	IMG-Metagenomes Workshop	WCM Contra Costa I	Level B1
9:00 AM – 12:00 PM	Mycocosm Workshop	WCM CA Ballroom EF	Level B2
	Phytozome Workshop	JGI 149 A/B	
1:00 PM – 4:00 PM	IMG 101 Workshop	WCM CA Ballroom D	Level B2
	RNA Technologies & Analysis Workshop	WCM CA Ballroom ABC	Level B2
2:00 PM – 4:00 PM	JCC Meeting (By Invitation Only)	WCM Sacramento Room	Level B2
4:00 PM – 5:00 PM	Muizer Project Management Meeting (By Invitation Only)	WCM Santa Barbara Room	2nd Floor
6:00 PM – 9:00 PM	Microbial Genomics Program Meeting (By Invitation Only)	WCM San Jose Room	Level B2
7:00 PM – 8:30 PM	JBEI Project Management Meeting (By Invitation Only)	WCM Santa Rosa Room	Level B2

WEDNESDAY, March 23

8:30 AM – 10:00 AM	Ford BRC Meeting (By Invitation Only)	WCM San Jose Room	Level B2
12:00 PM – 1:00 PM	Aquilegia Project Management Meeting (By Invitation Only)	WCM San Jose Room	Level B2
	Madsen Project Management Meeting (By Invitation Only)	WCM Santa Barbara Room	2nd Floor
7:00 PM – 8:30 PM	GLBRC Project Management Meeting (By Invitation Only)	JGI 345	•••

THURSDAY, March 24

12:00 PM – 1:00 PM	Capsella Project Management Meeting (By Invitation Only)	WCM San Jose Room	Level B2
12:00 PM – 1:15 PM	BESC Project Management Meeting (By Invitation Only)	WCM Santa Monica Room	2nd Floor
12:00 PM – 1:30 PM	MGP Single Isolate Non-BRC Users Meetings (By Invitation Only)	WCM Santa Barbara Room	2nd Floor
	Rhizosphere Grand Challenge Meeting (By Invitation Only)	WCM Santa Monica Room	2nd Floor
5:00 PM – 7:00 PM	Diploid Panicum Project Management Meeting (By Invitation Only)	WCM Atrium	

FRIDAY, March 25

9:00 AM – 5:00 PM	MENGO Workshop	JGI 149 A/B
9:00 AM – 2:00 PM	IMG-ACT Planning Meeting (By Invitation Only)	JGI 345

