**5th MENGO Workshop**

**Gene Ontology Terms for Energy-Related Microbial Genomes**

Friday, March 23, 2012, 8:30am to 5 pm

Walnut Creek Marriott

2355 N Main St., Walnut Creek, CA 94598

 **MENGO project’s main goals:**

* **To create new Genome Ontology (GO) terms that can be used in the annotation of microbial genomes of bioenergy interest.**
* **To annotate bioenergy-related genomes**

**GO already includes over 200 MENGO terms.**

**Participants will be introduced to these terms and shown how to apply them.**

**Website: http//:mengo.vbi.vt.edu**

 **The aims of the workshop:**

* Present the MENGO project to the bioenergy community
* Present current status of term development and GO annotations
* Brainstorm about current challenges for bioenergy GO term development
* Get feedback on the bioenergy areas to be targeted for further GO term development
* Generate GO terms.

**Registration is required; no registration fee.**

**See registration form for lodging reimbursement details.**

**Breakfast, lunch, and dinner will be provided.**

**Workshop Schedule:**

8:30-9:00: Continental Breakfast9:00-9:15: General Introduction (Brett Tyler)9:15-9:30: Microbial Bioenergy Production:

**MENGO Team** Joao Setubal (setubal@vbi.vt.edu) Brett Tyler (btyler@vt.edu) Biswarup Mukhopadhyay (biswarup@vt.edu) T. Murali (murali@cs.vt.edu) Trudy Torto-Alalibo (trudy@vbi.vt.edu) Endang Purwantini (epurwant@vt.edu) Virginia Bioinformatics Institute Virginia Tech General email address: mengo@vbi.vt.edu Local Host: Nikos Kyrpides (NCKyrpides@lbl.gov) DOE-JGI

current challenges for GO term development (Biswarup Mukhopadhyay)9:30-10:00: Overview of JGI (Nikos Kyrpides)10:00-10:15: Coffee Break10:15-11:15: The Gene Ontology and

Term Development for Bioenergy Processes

(Trudy Torto-Alalibo)11:15-12:00: The Gene Ontology for

Methanogenesis (Endang Purwantini)

12:00-1:30pm: Lunch1:30-5:00pm: Discussion/brainstorming session: • Feedback from community on new MENGO terms • Other bioenergy areas for term development

• Bioenergy-related gene products annotated to date• Suggestions for other bioenergy-related genomes/

gene products for annotation

-----------------------------------------------------------------------

6:00 – 7:30pm: Dinner at Marriott (2355 N Main St)***Sign up by Tuesday, March 13 at:*** https://survey.vt.edu/survey/entry.jsp?id=1317847188375

**To register, please visit https://survey.vt.edu/survey/entry.jsp?id=1317846891314**